

FIG. 1

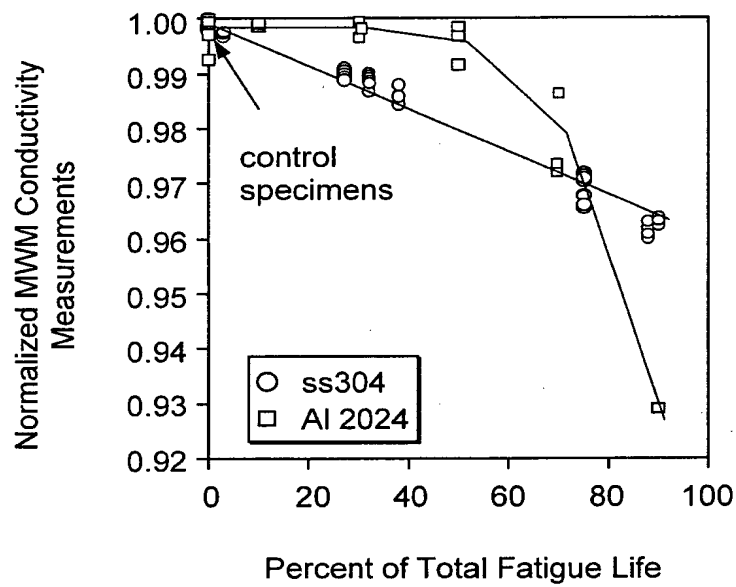


FIG. 2

2/65

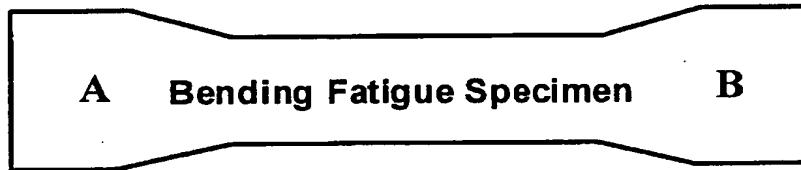


FIG. 3a

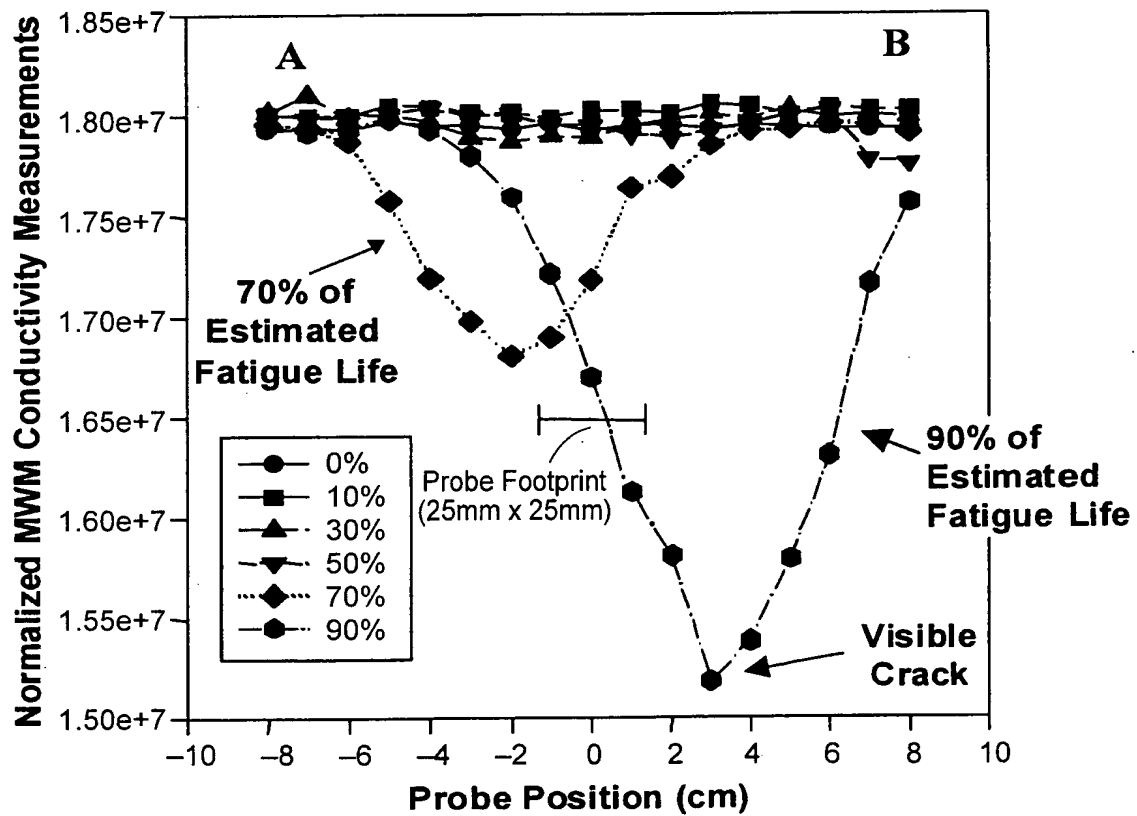


FIG. 3b

3/65

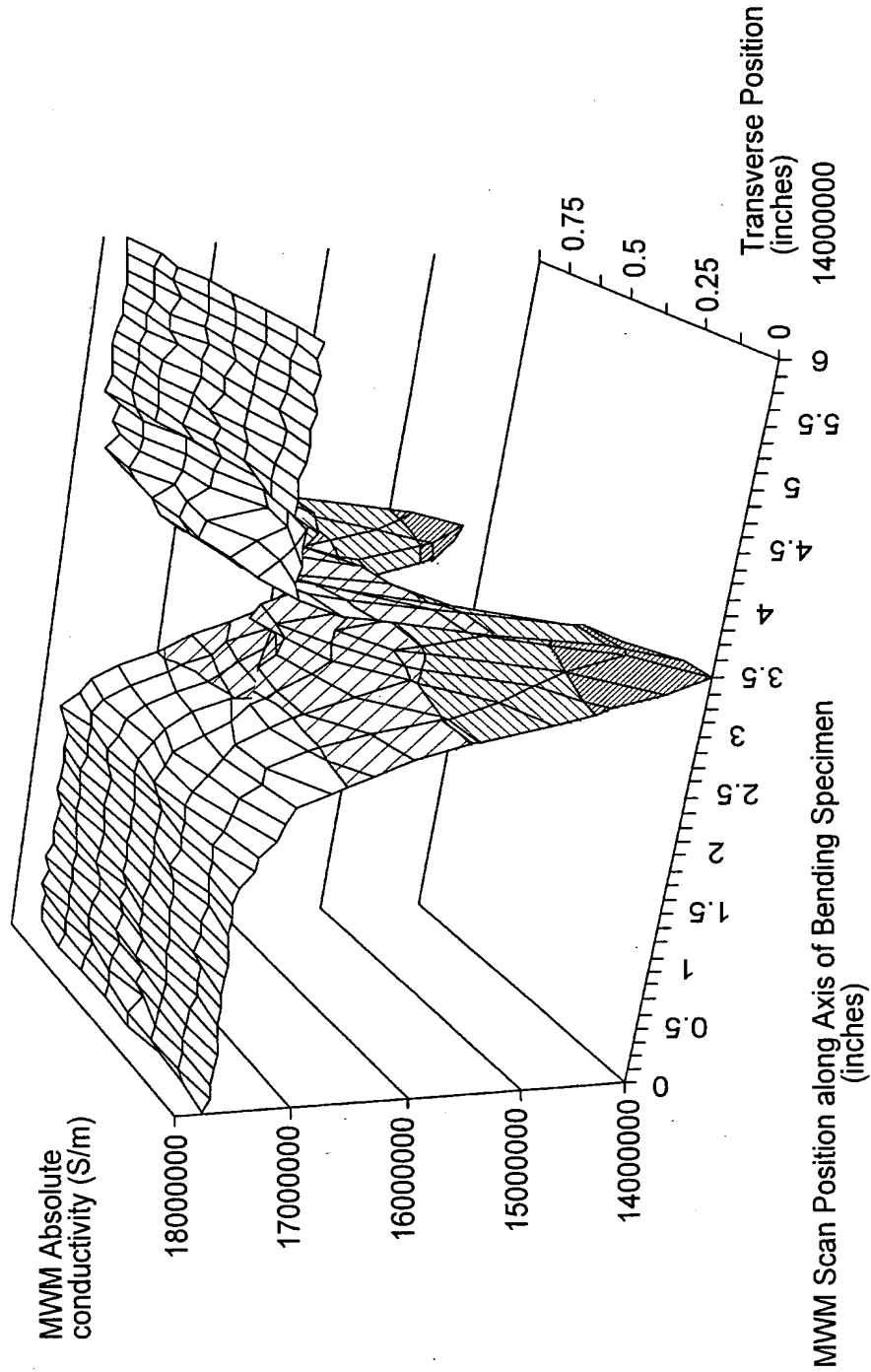


FIG. 4a

4/65

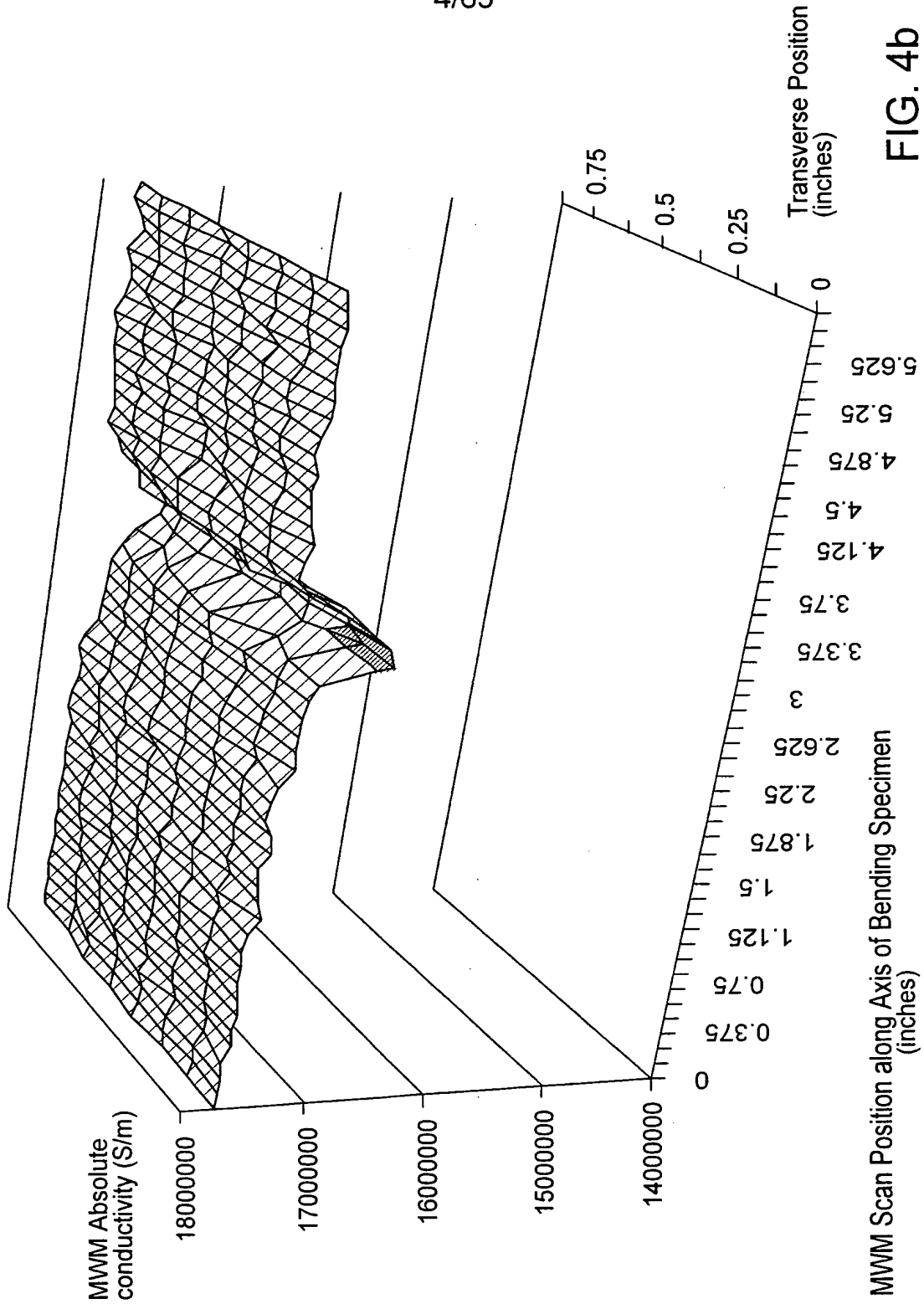


FIG. 4b

5/65

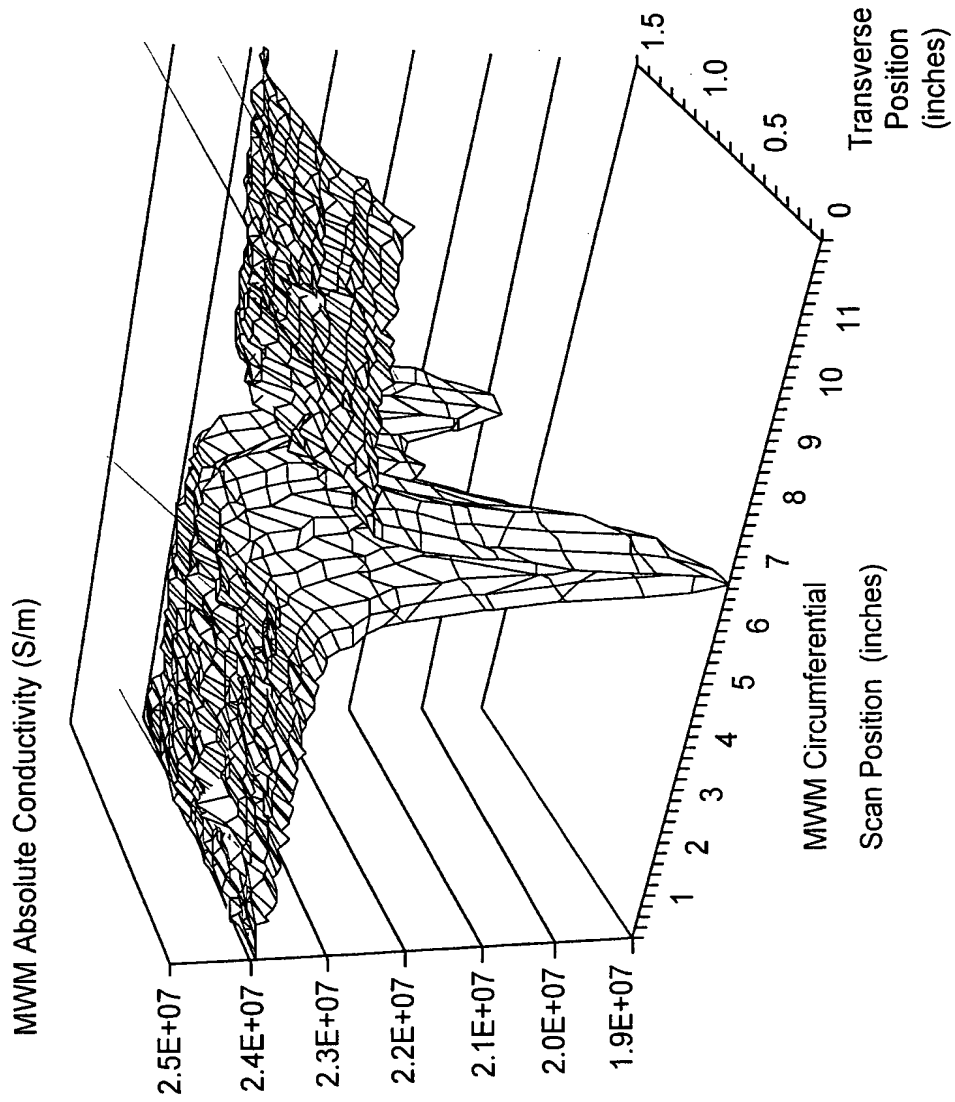


FIG. 5a

6/65

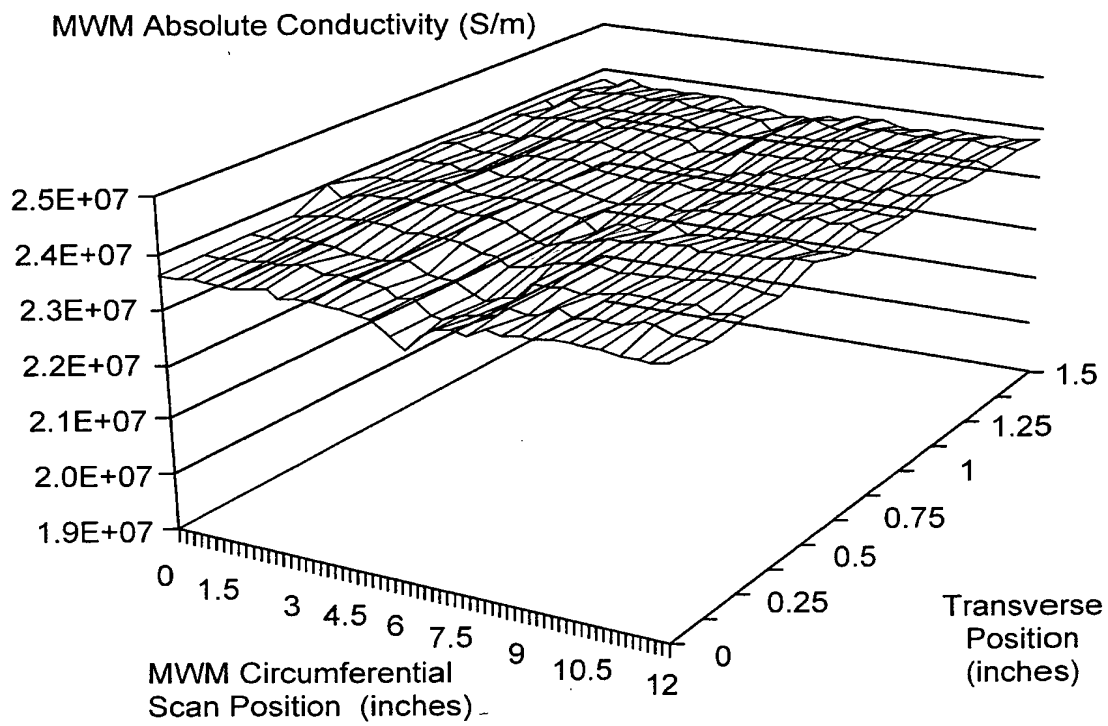


FIG. 5b

7/65

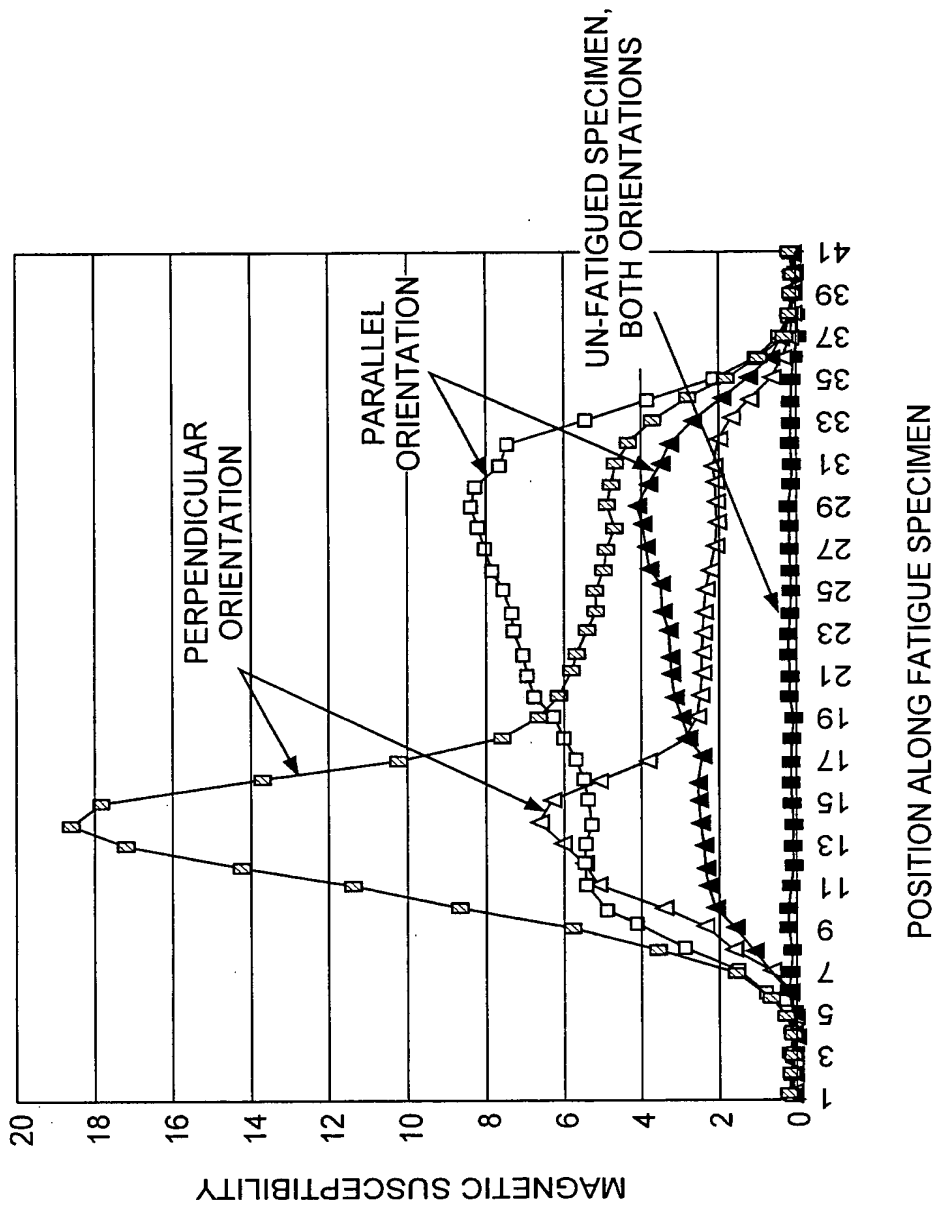


FIG. 6

8/65

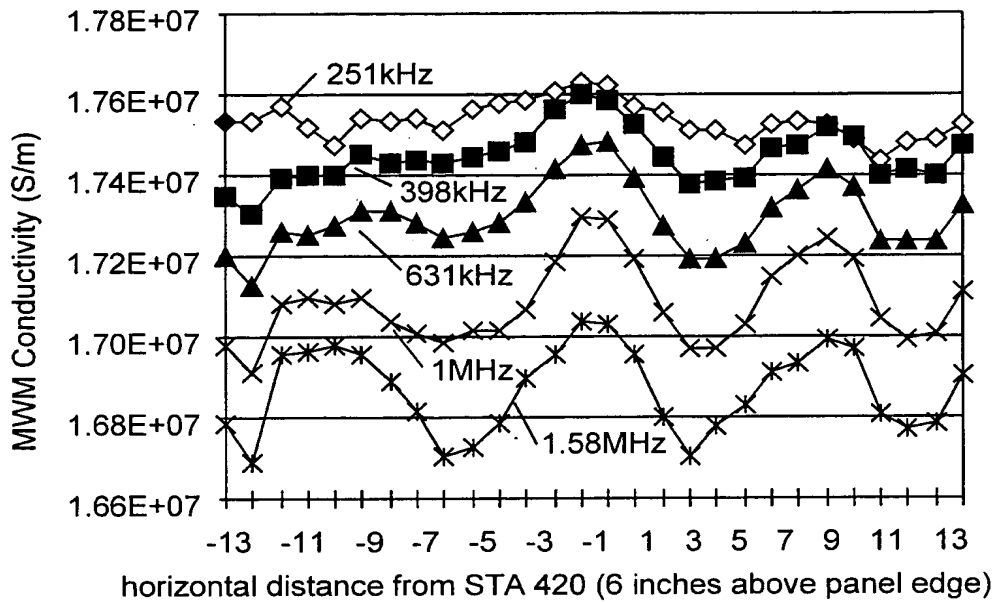


FIG. 7a

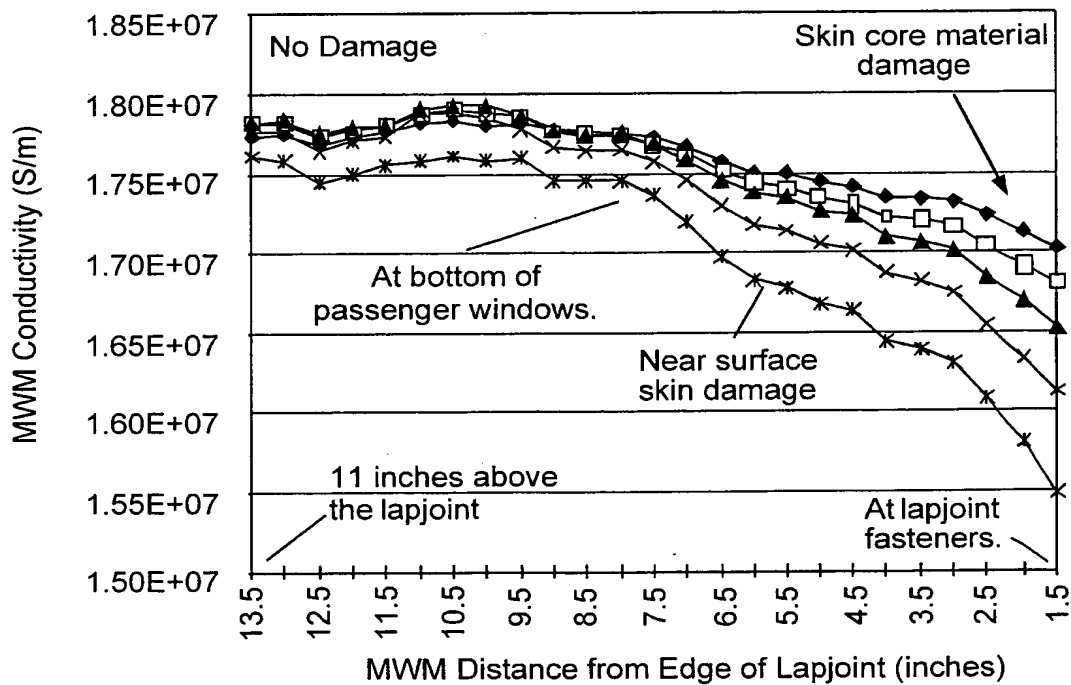


FIG. 7b



9/65

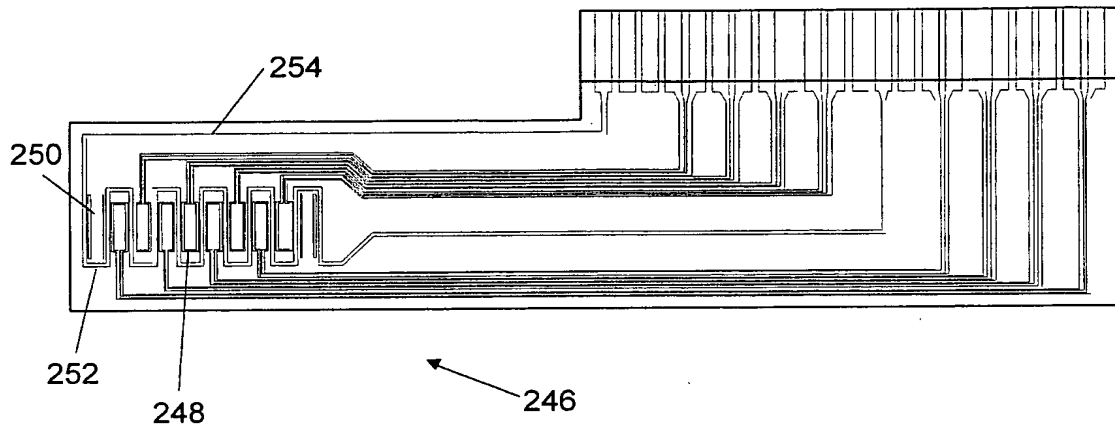


FIG. 8a

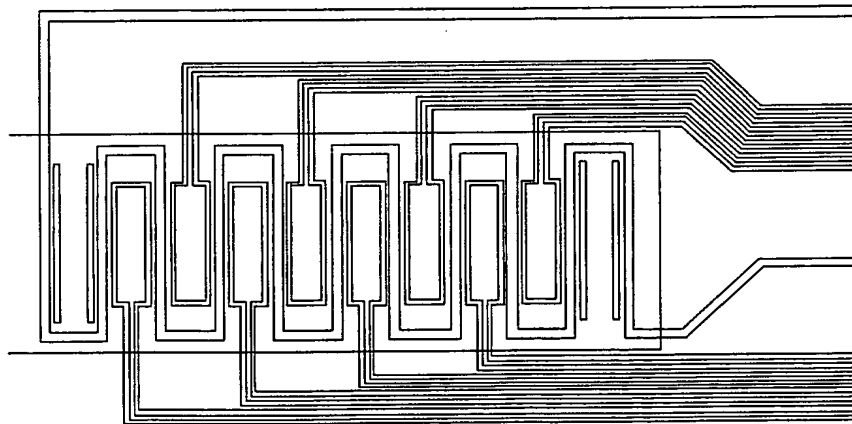


FIG. 8b

10/65

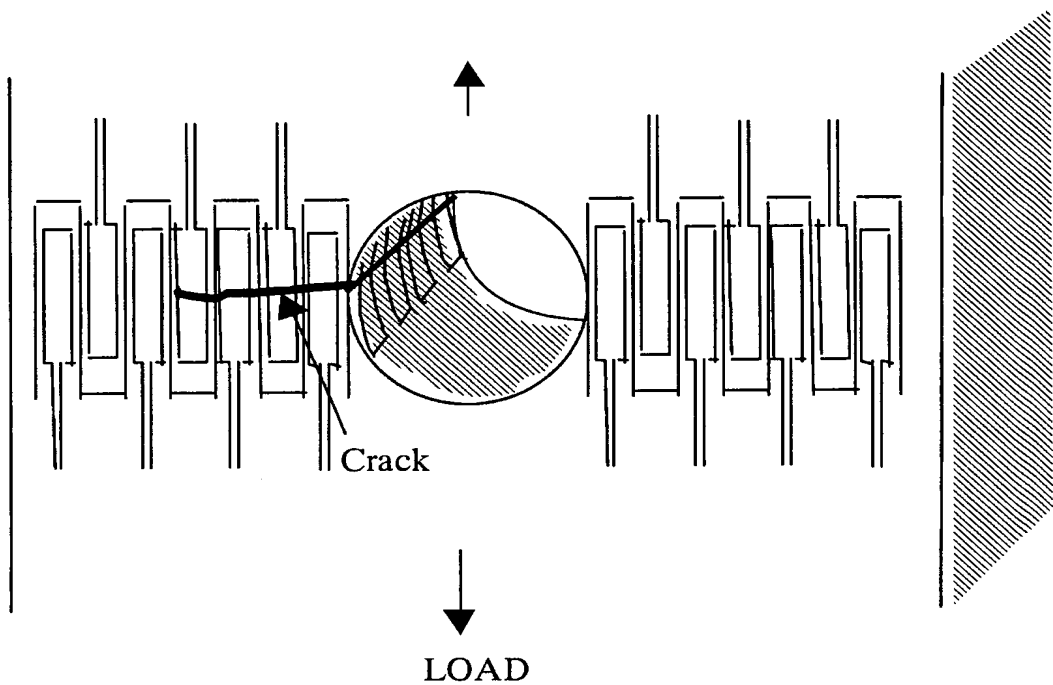


FIG. 9

11/65

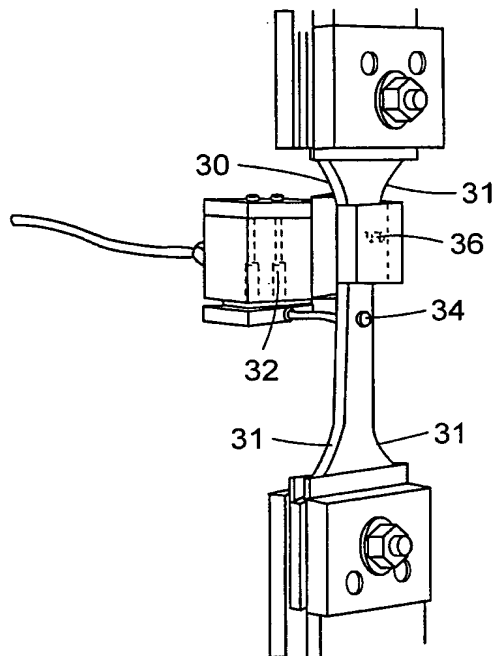


FIG. 10

12/65

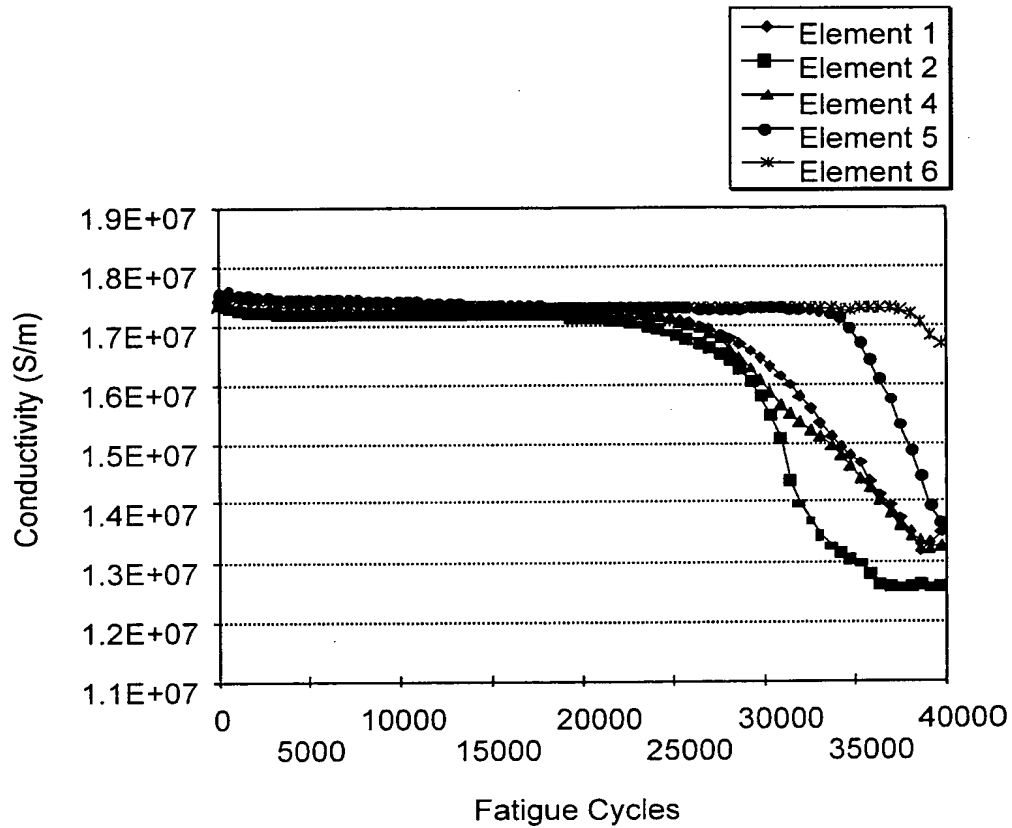


FIG. 11a

13/65

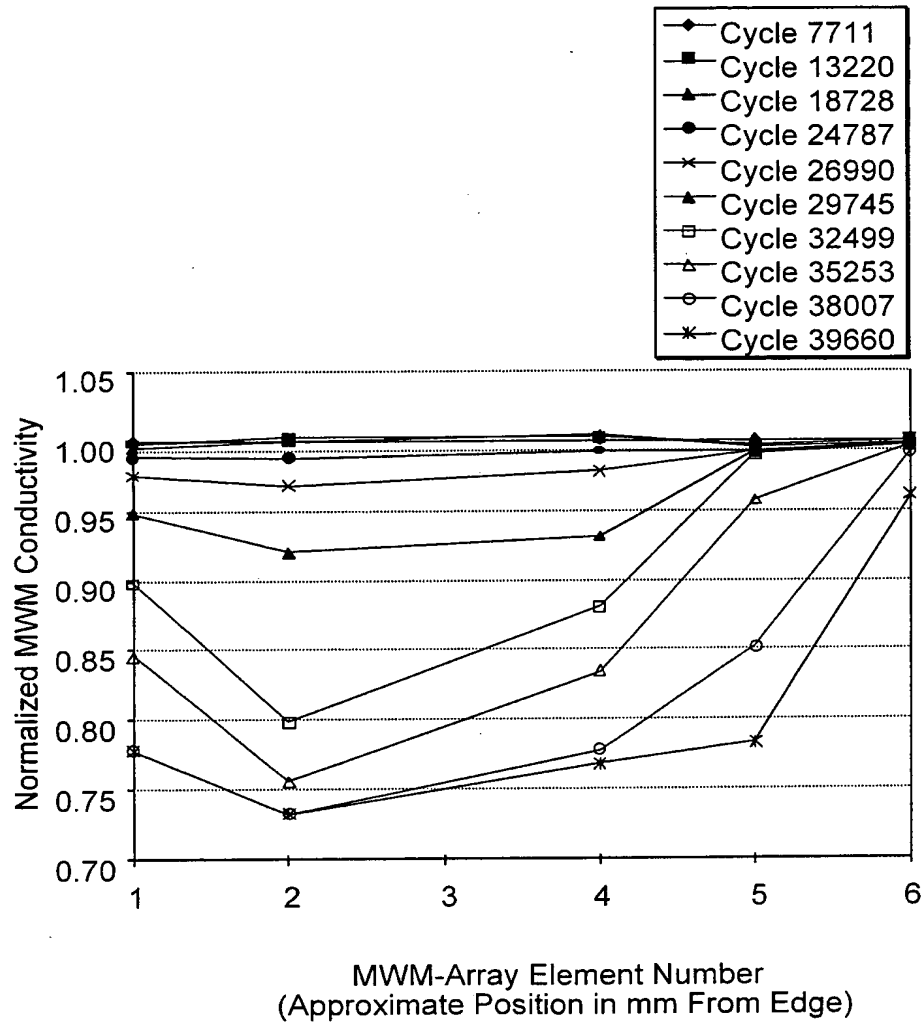


FIG. 11b

14/65

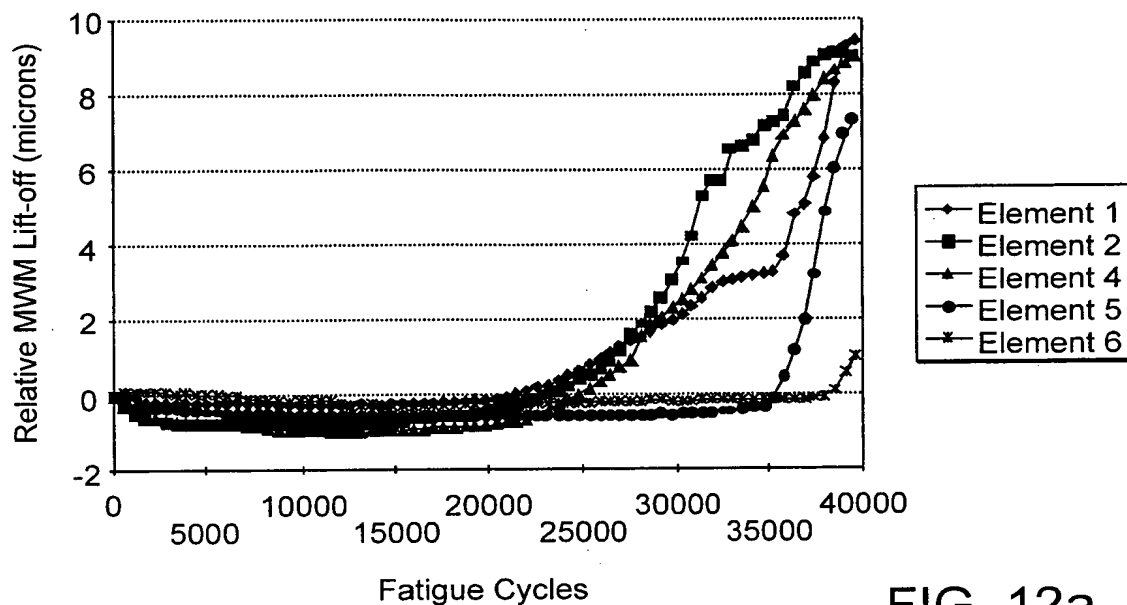


FIG. 12a

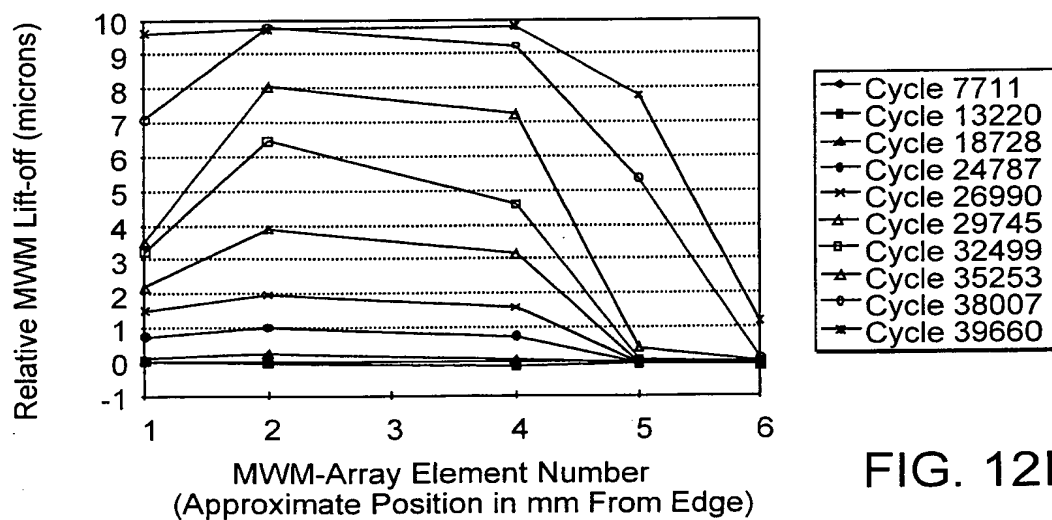


FIG. 12b

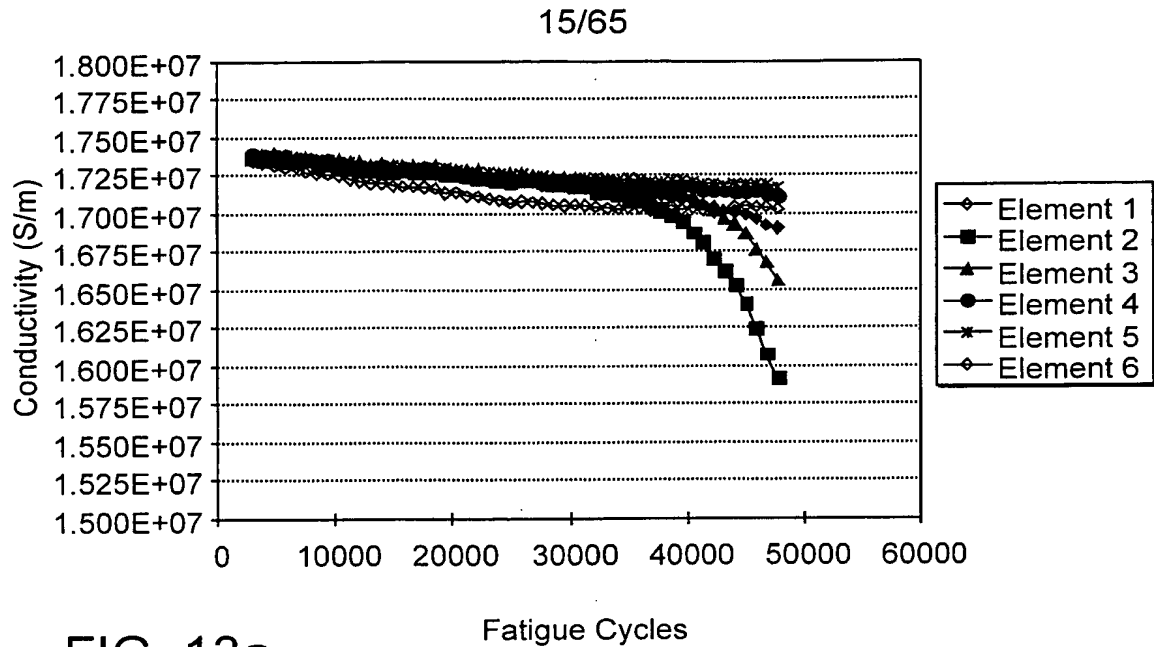


FIG. 13a

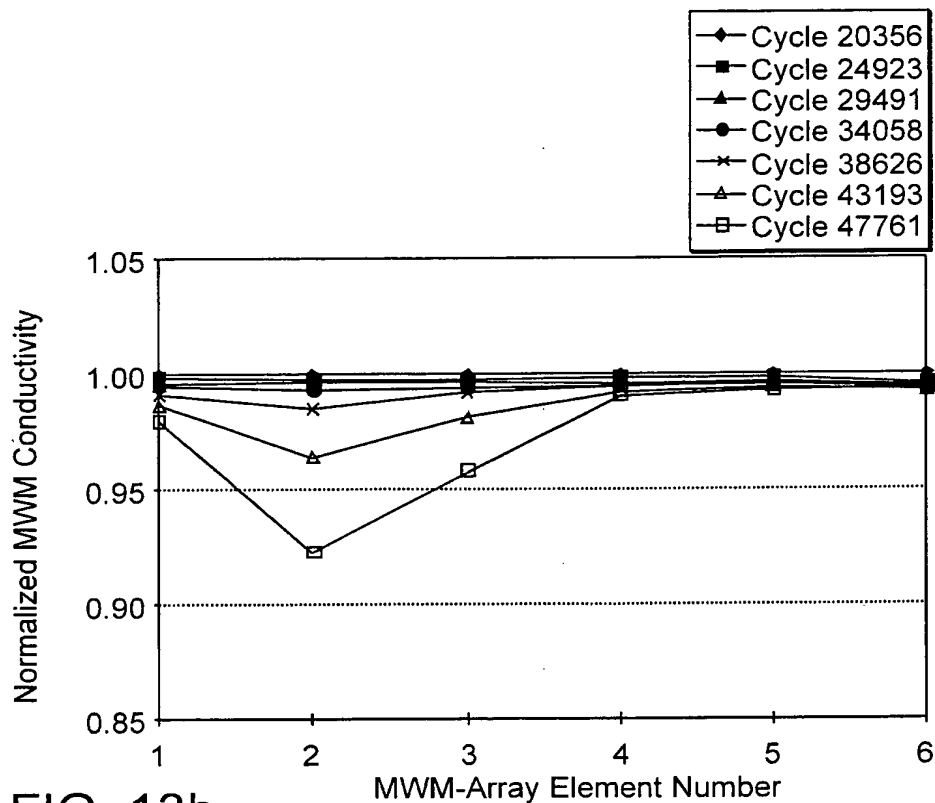


FIG. 13b

16/65

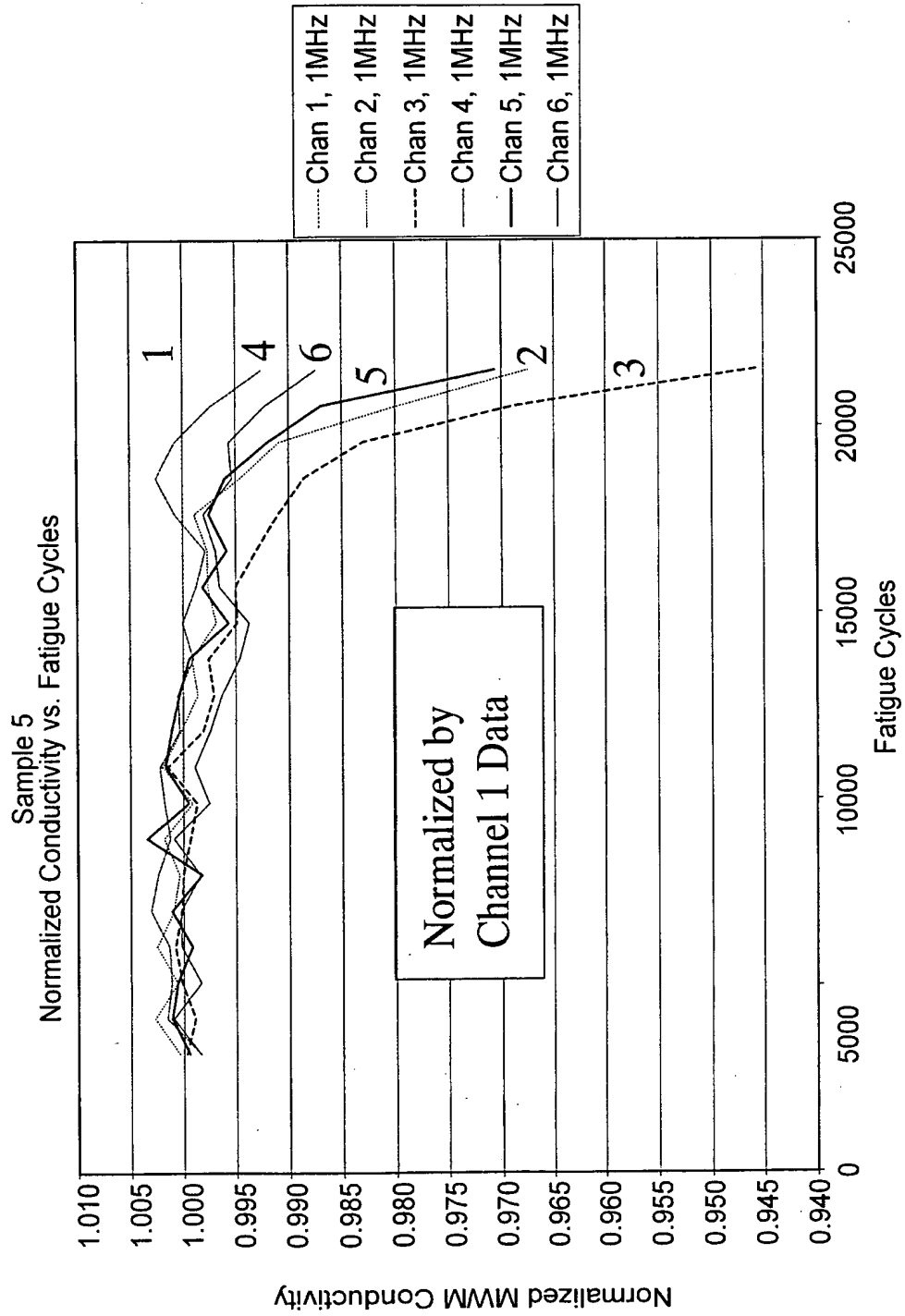


FIG. 14a



17/65

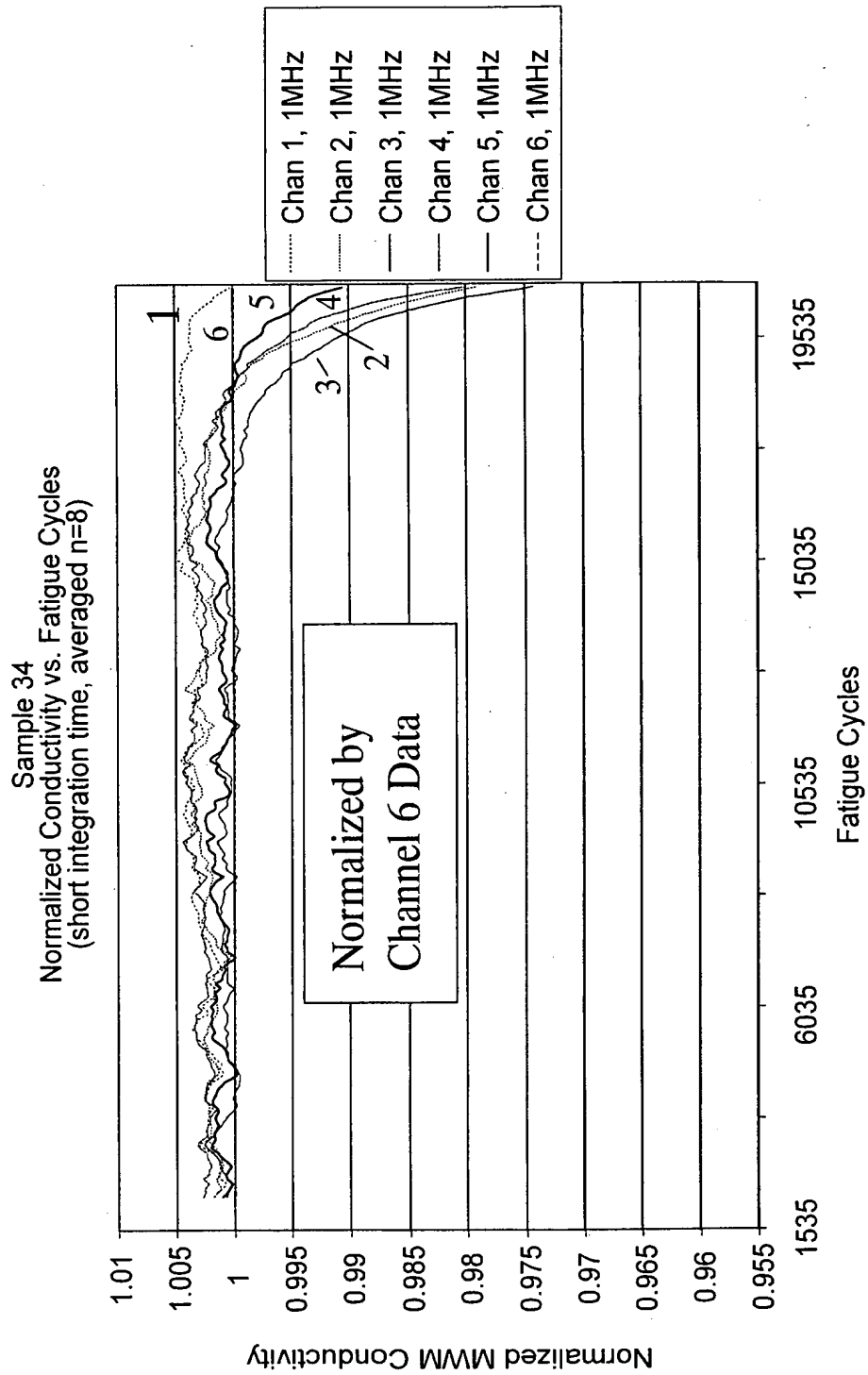


FIG. 14b

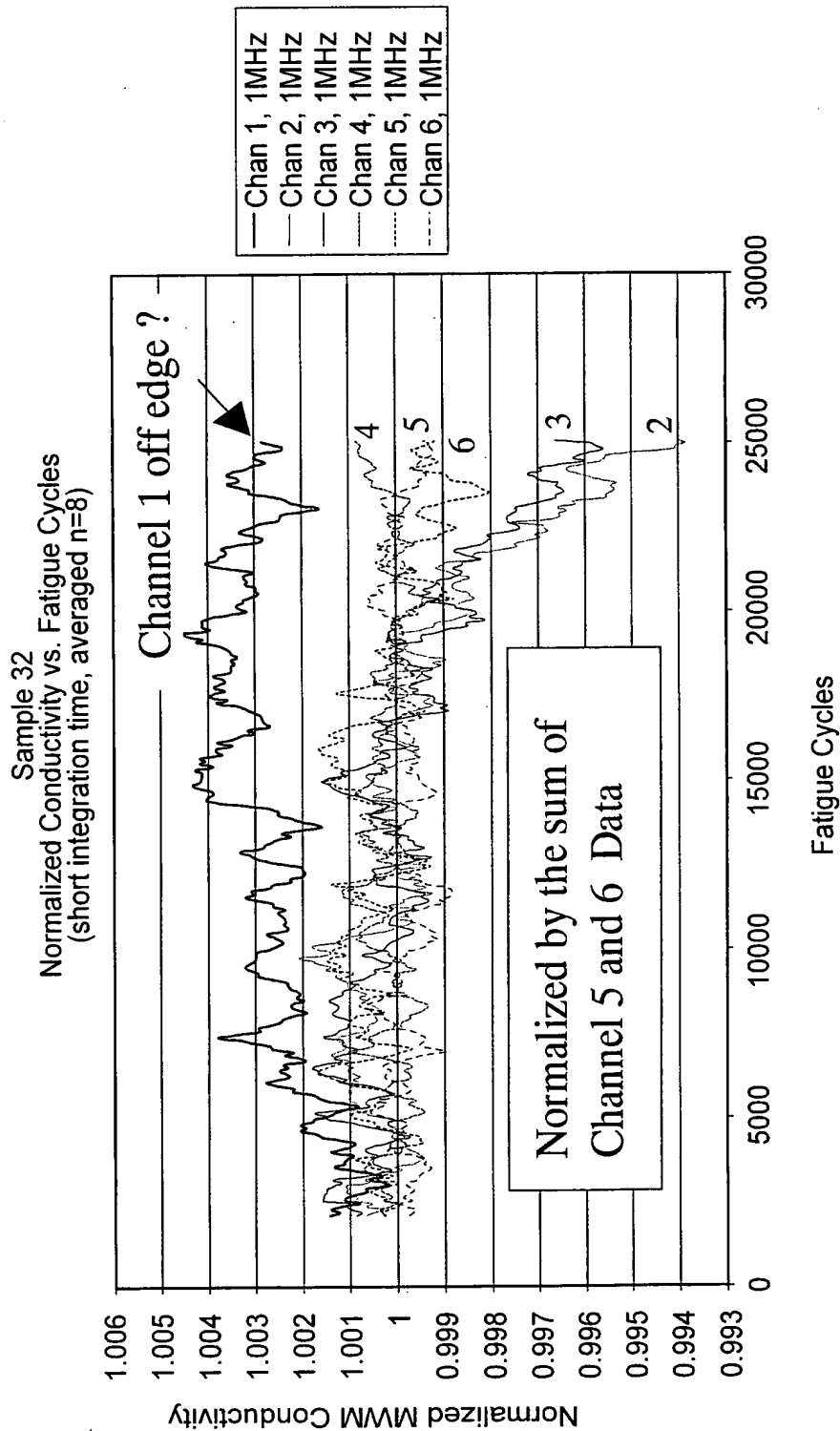


FIG. 14c

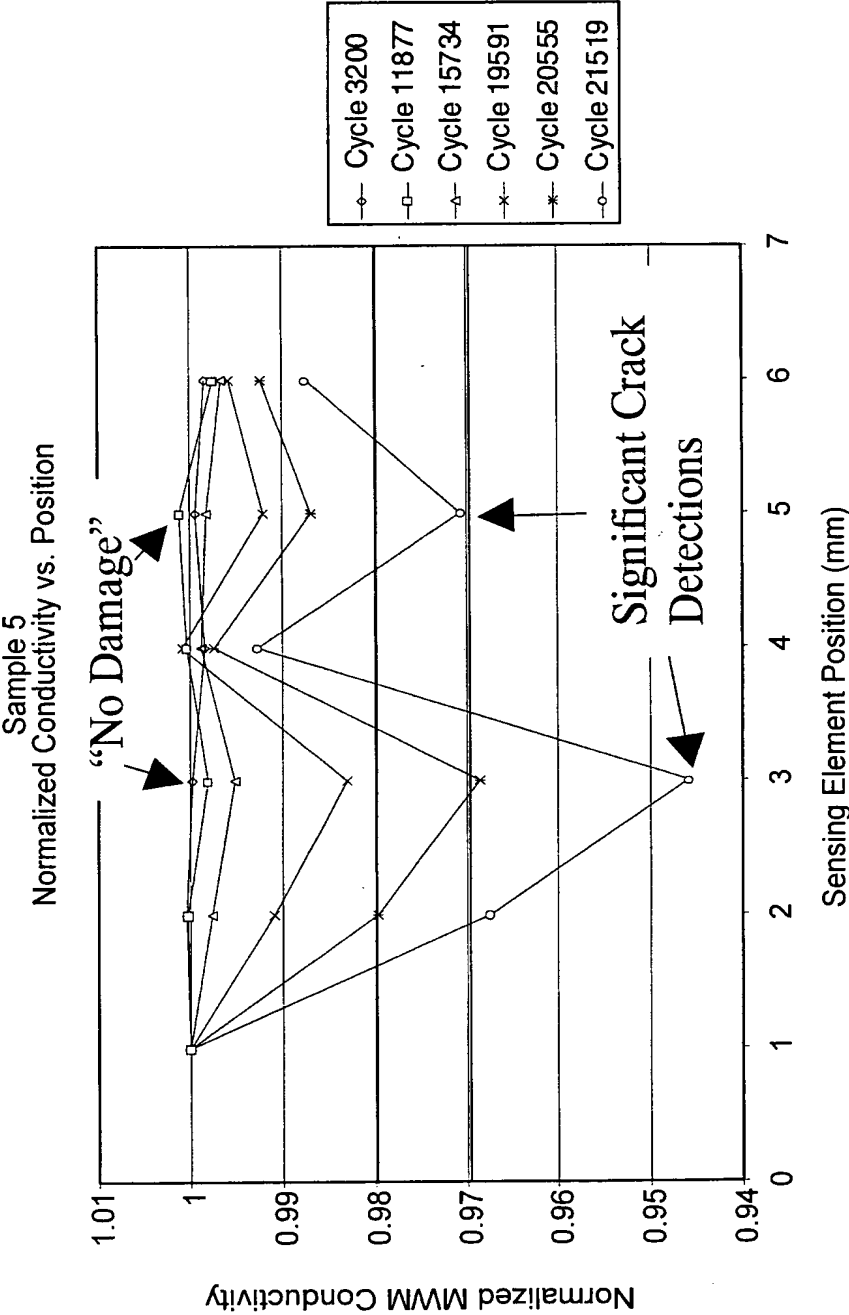


FIG. 15a

20/65

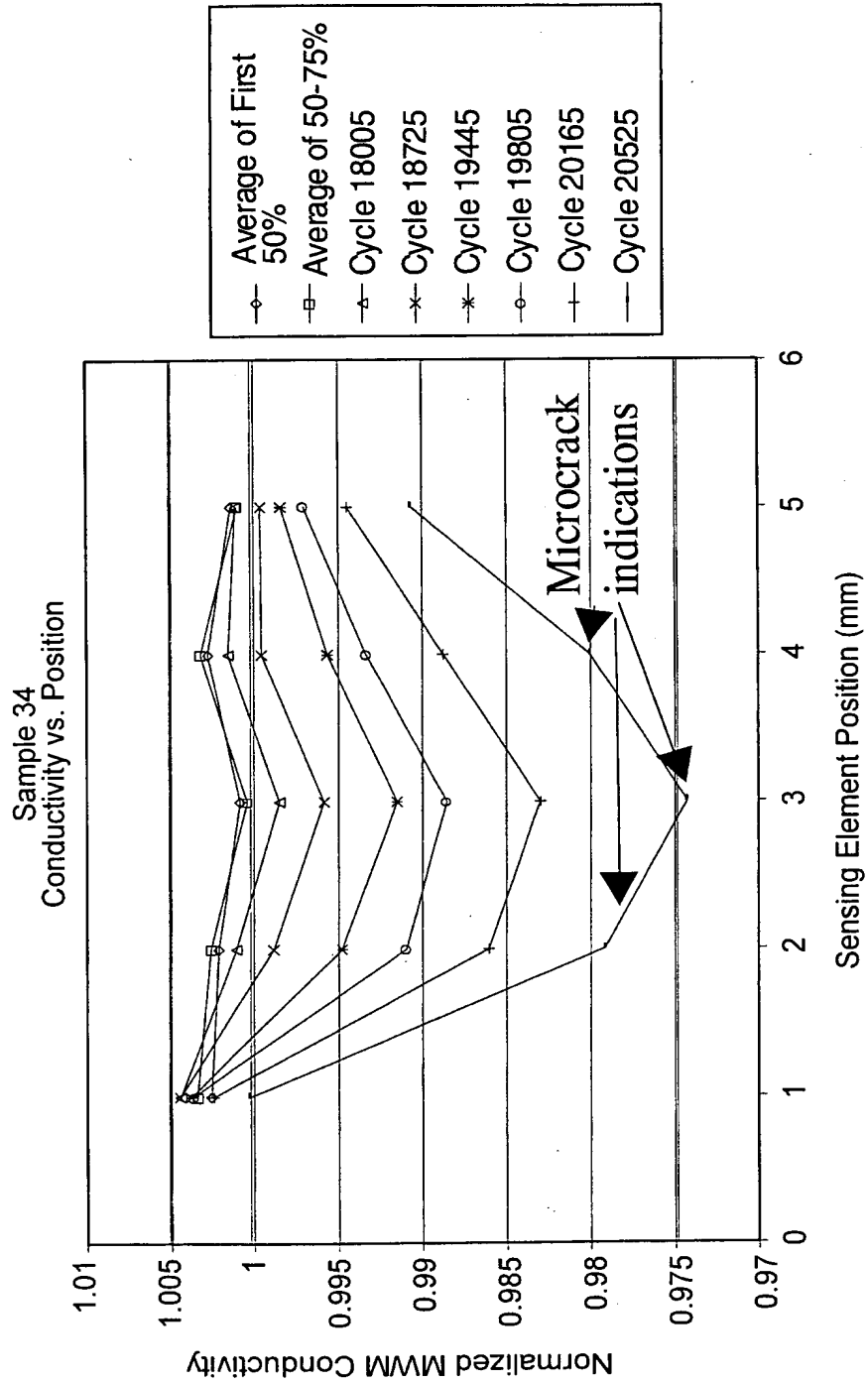


FIG. 15b

21/65

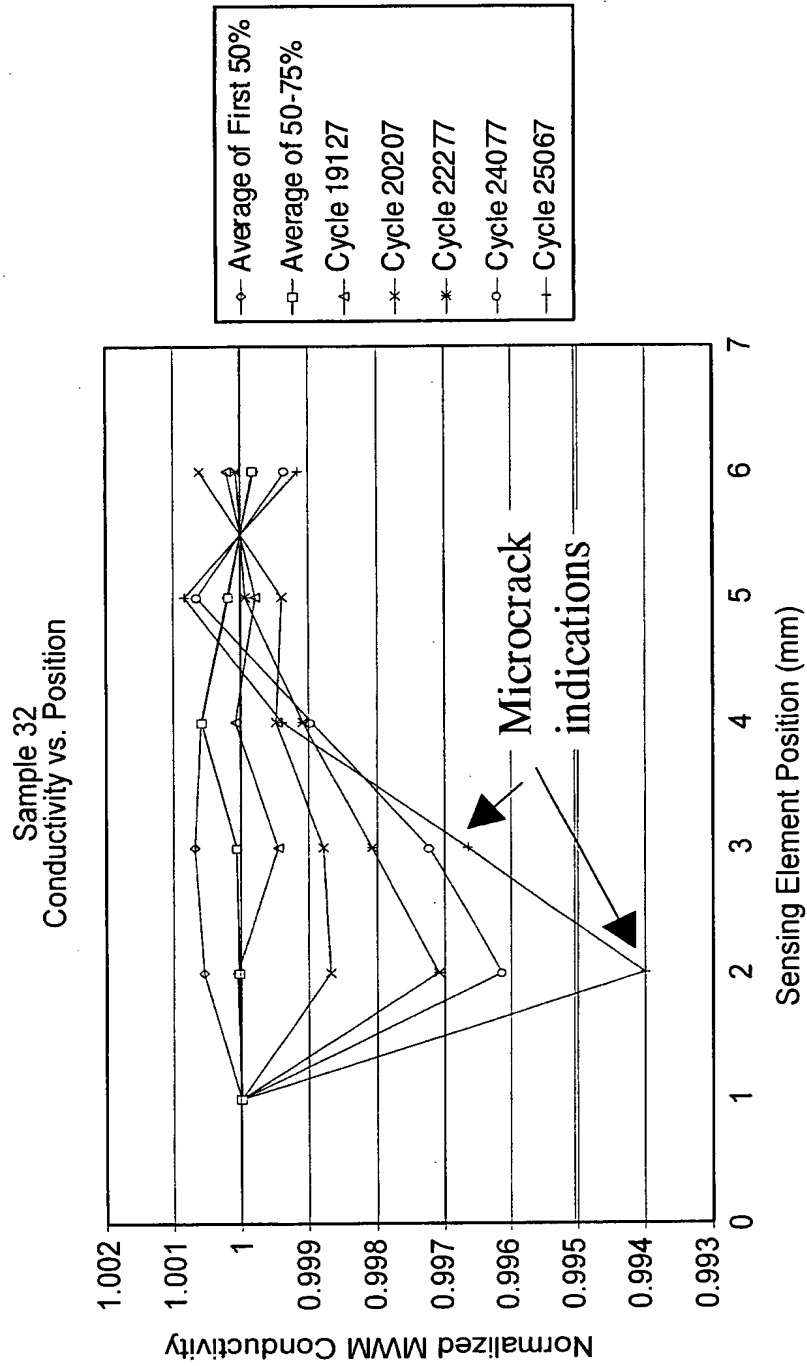


FIG. 15C

22/65

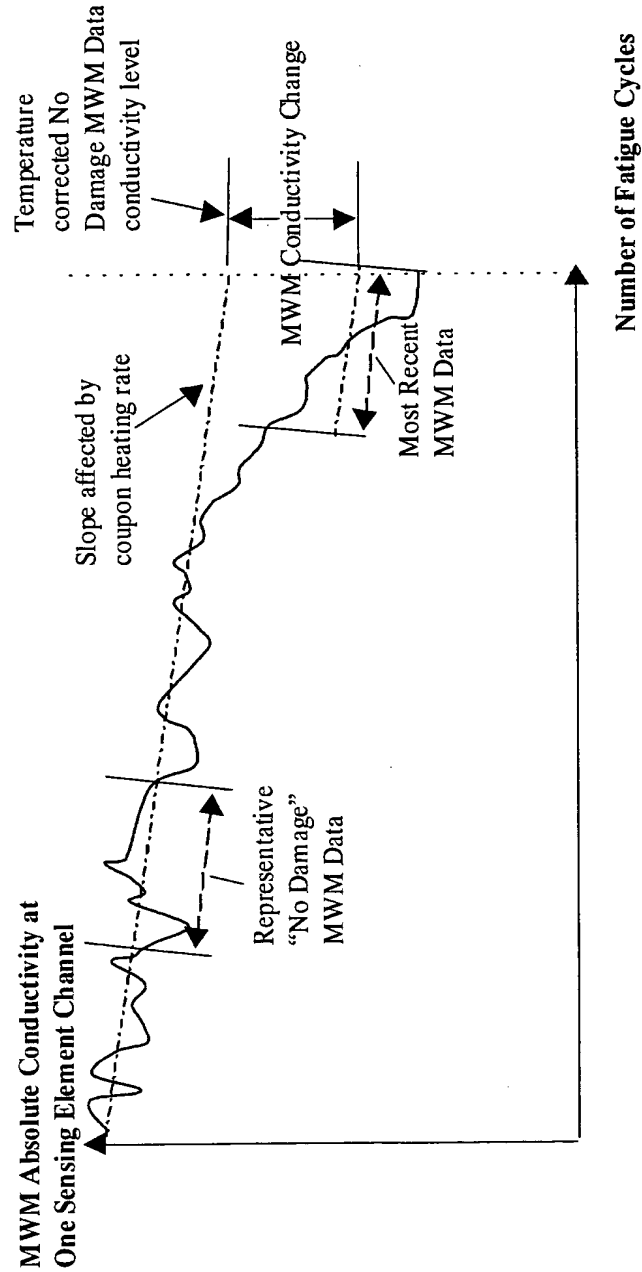


FIG. 16

23/65

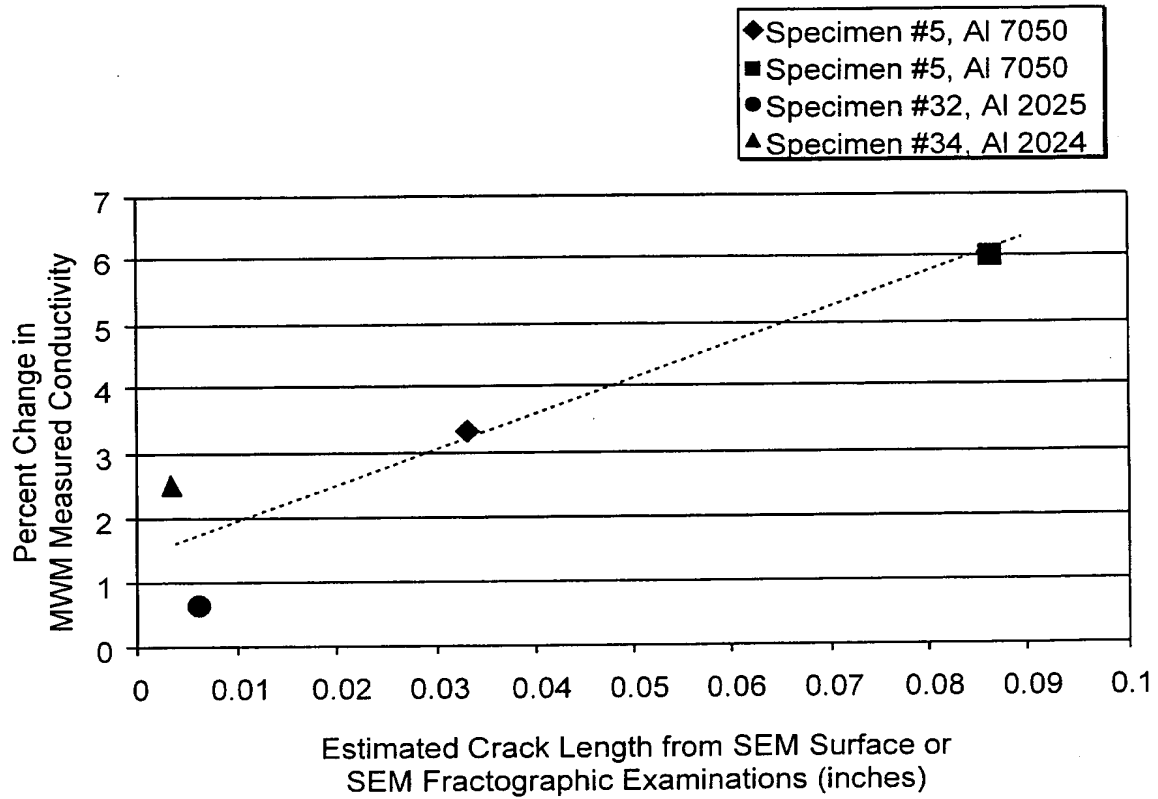


FIG. 17

24/65

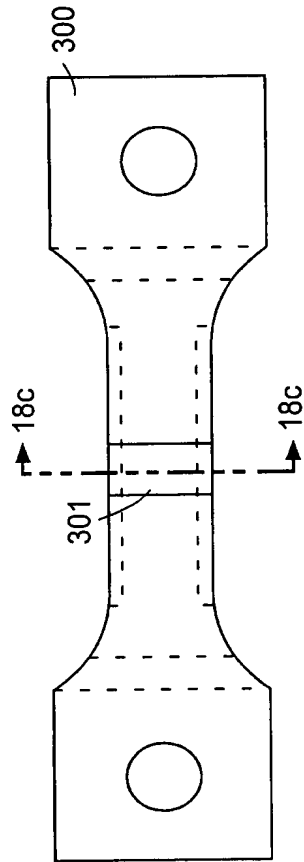


FIG. 18a

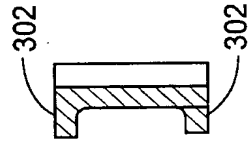


FIG. 18c

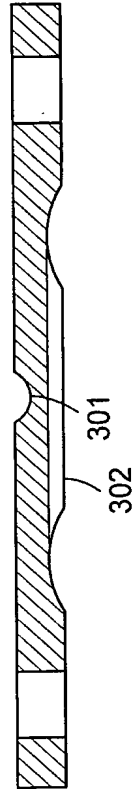


FIG. 18b



25/65

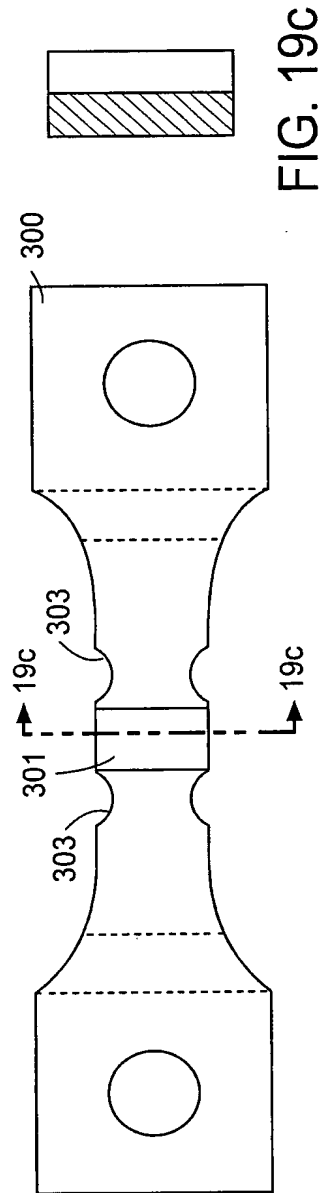


FIG. 19c

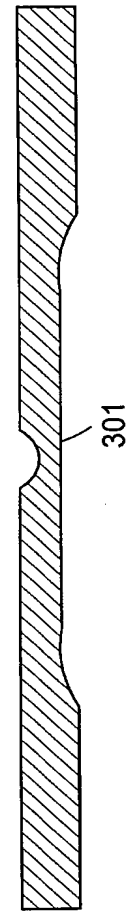
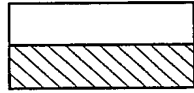
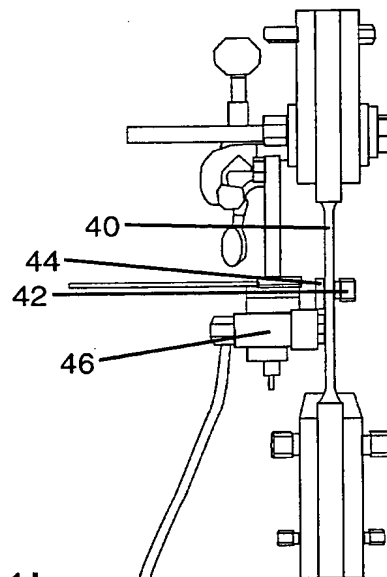
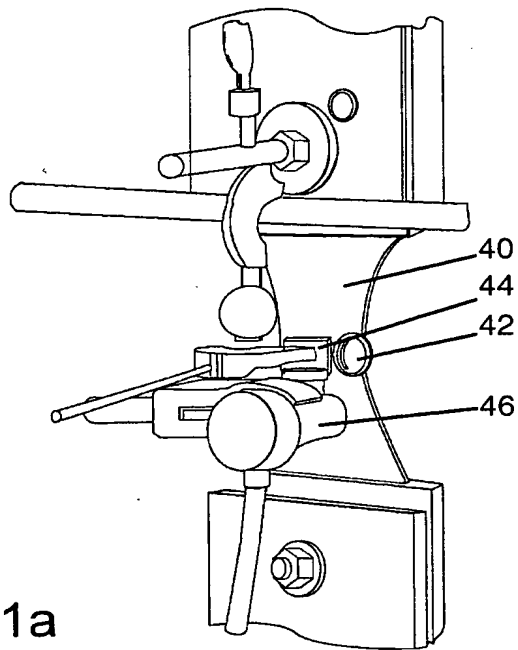


FIG. 19b



27/65



28/65

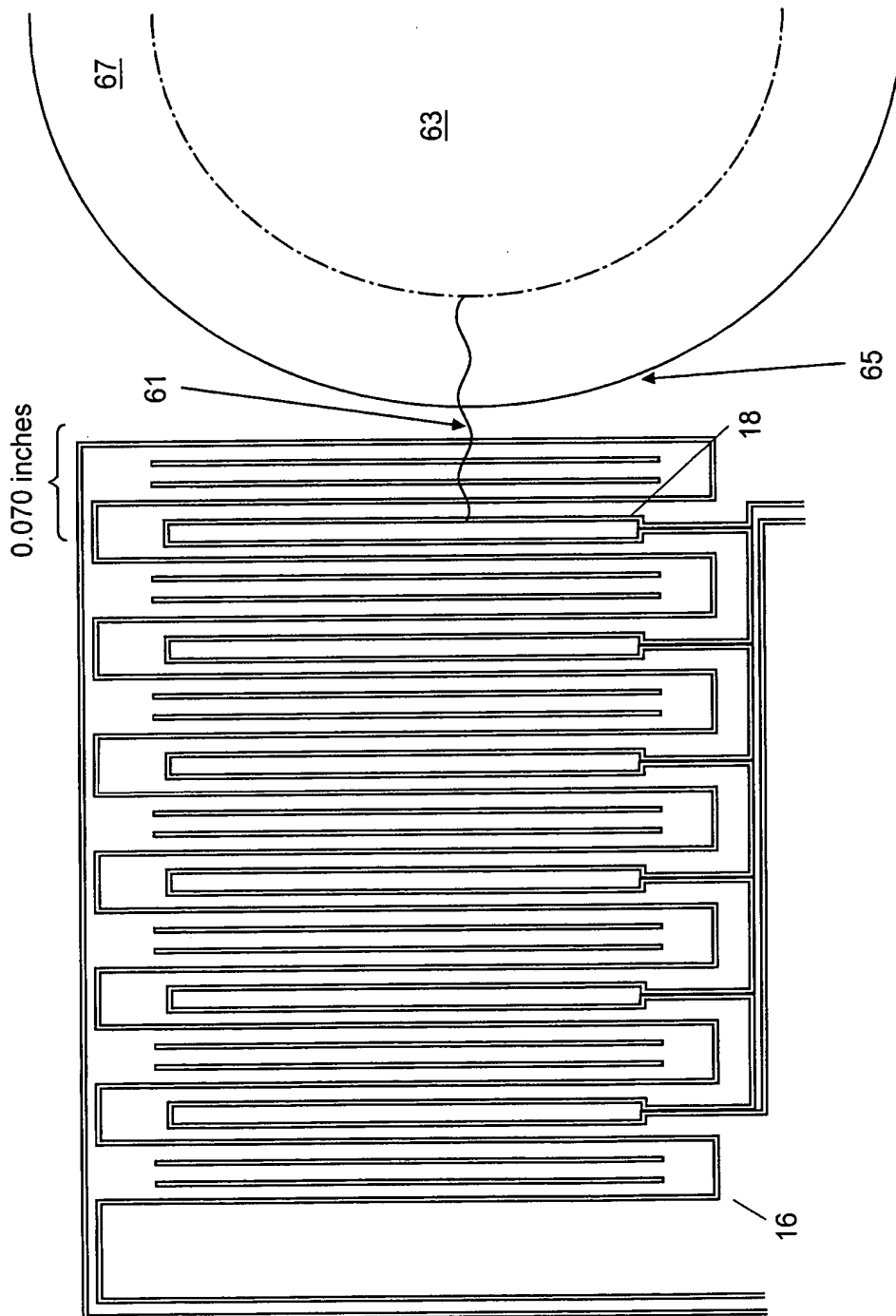
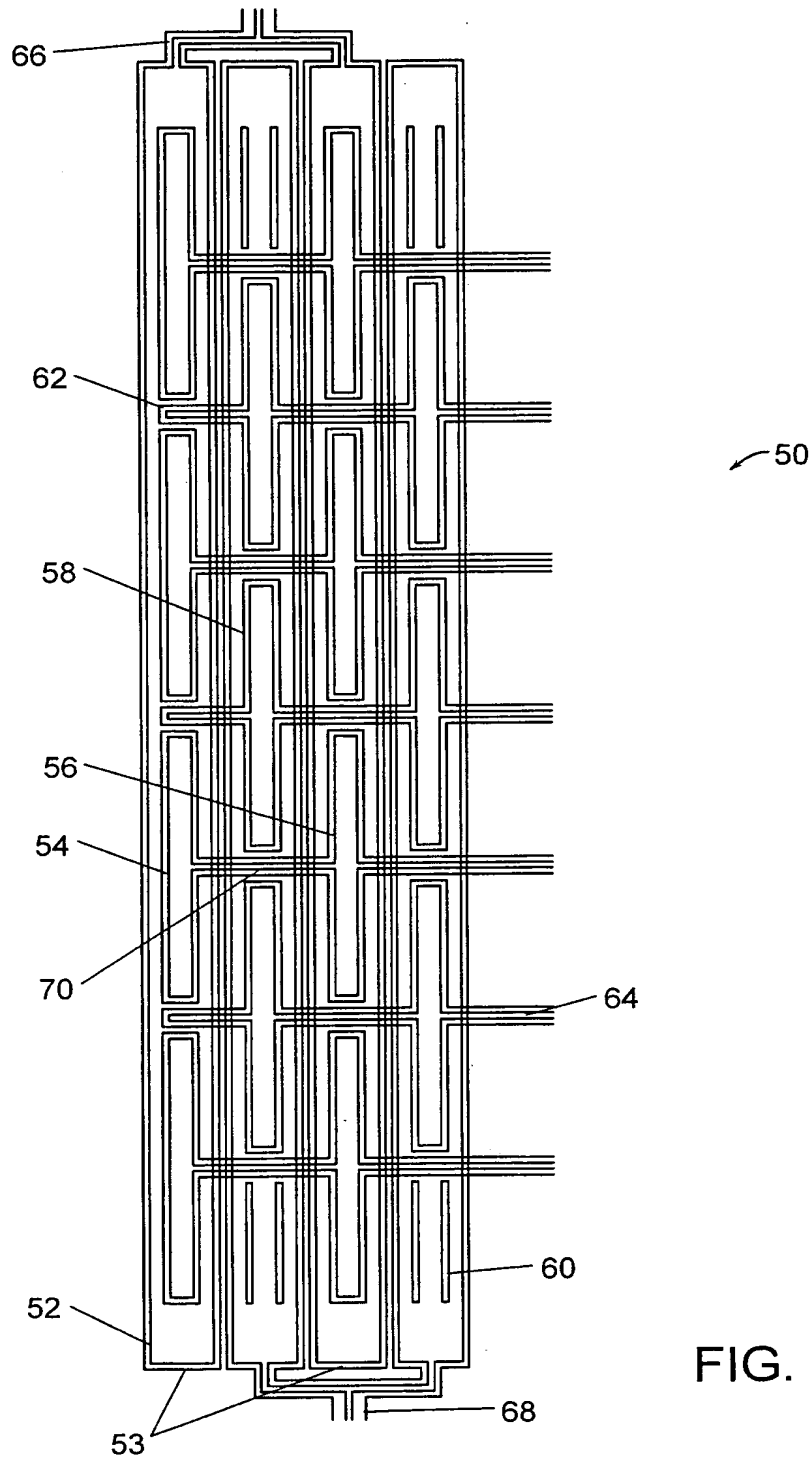


FIG. 22

29/65



30/65

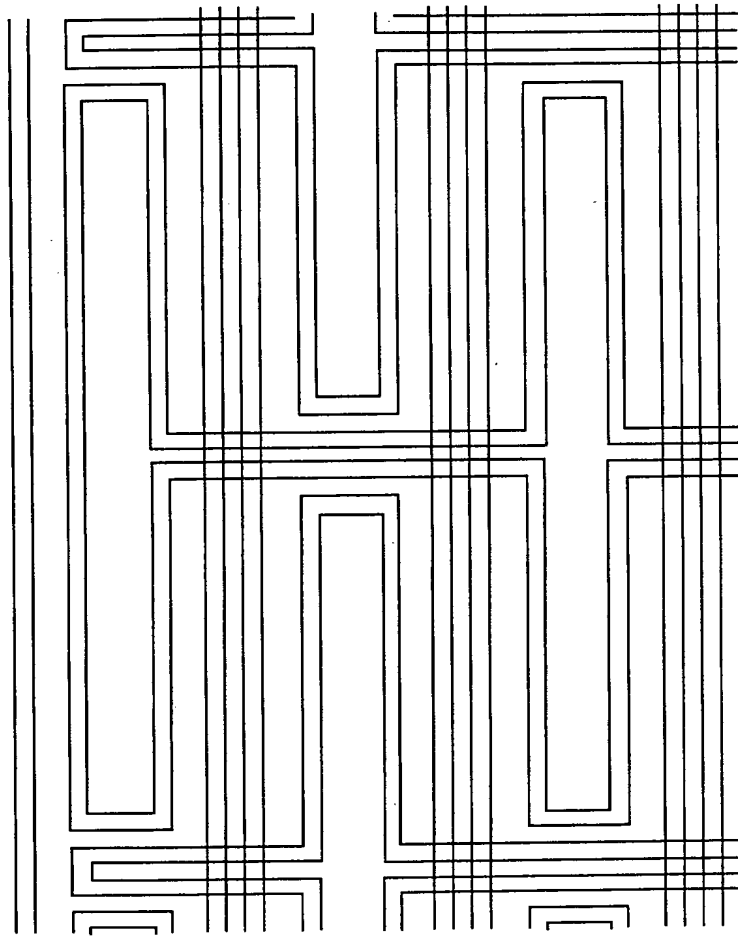


FIG. 23b

31/65

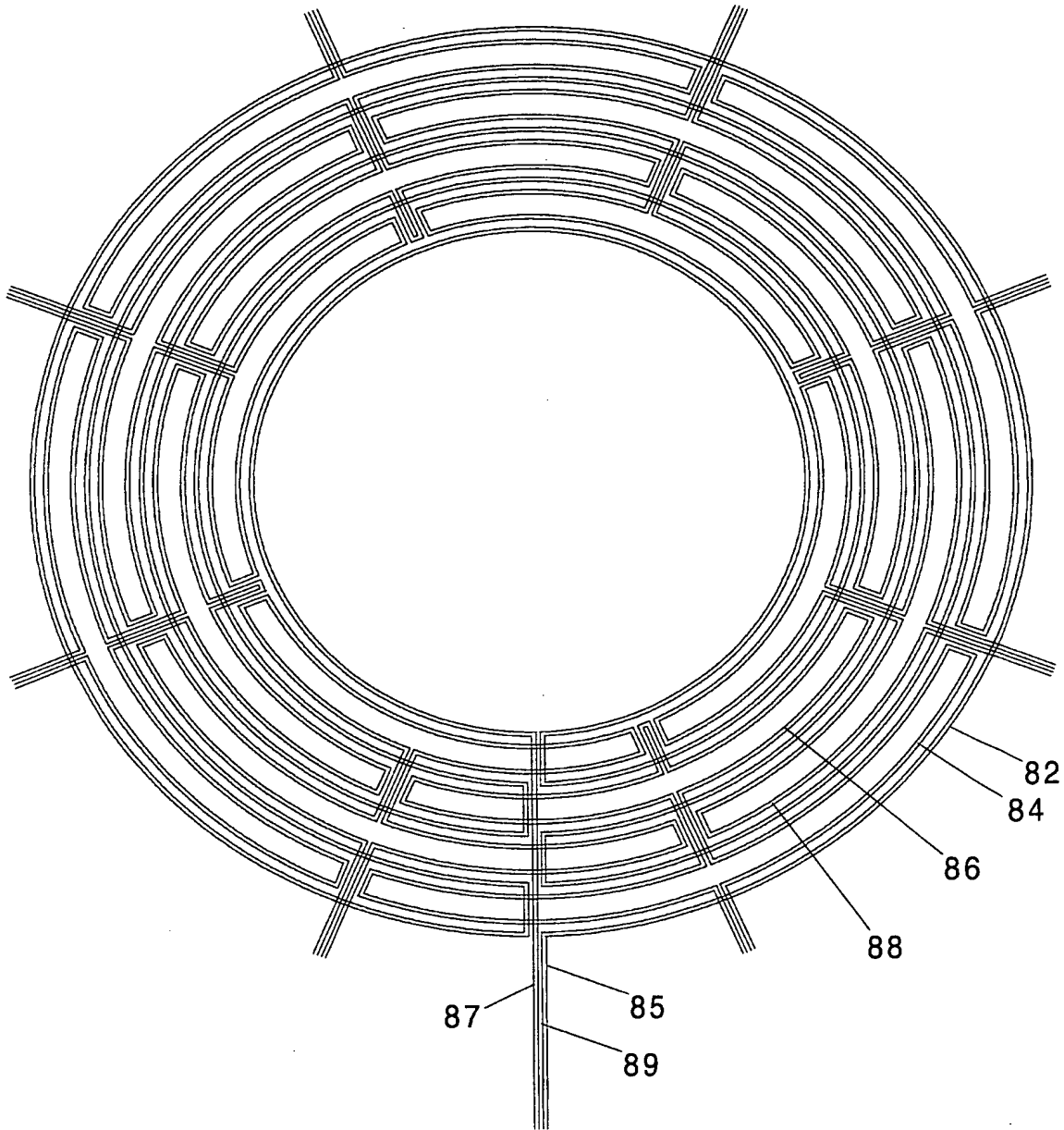


FIG. 24a

32/65

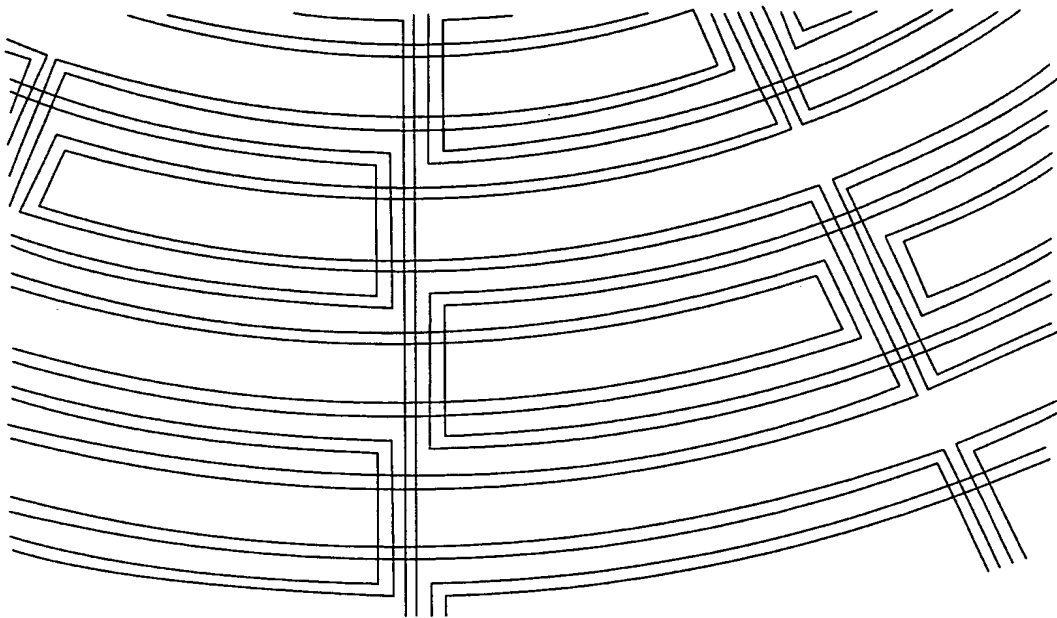


FIG. 24b



33/65

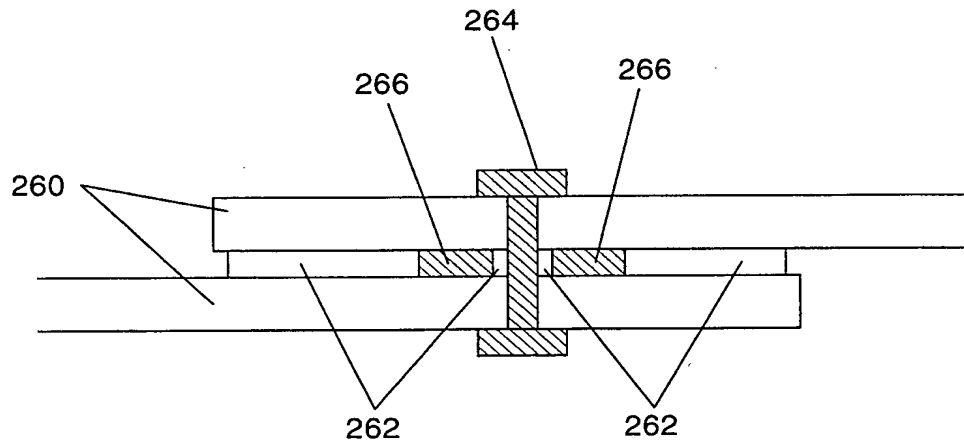


FIG. 25

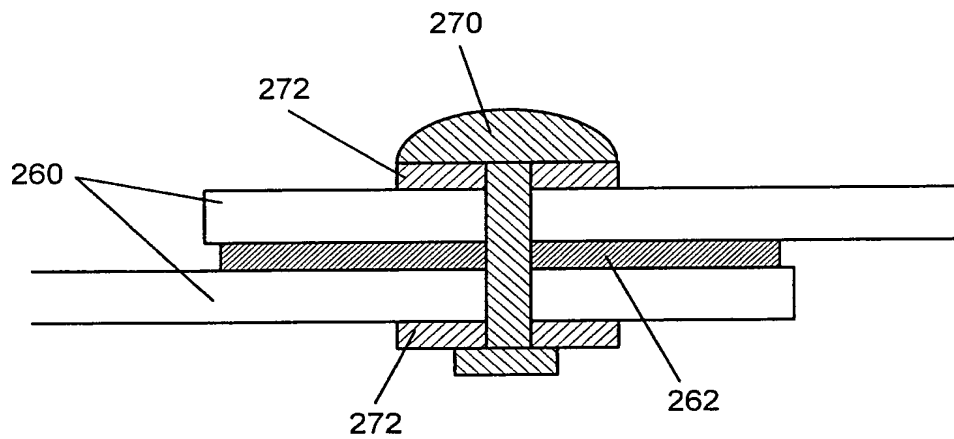


FIG. 26

34/65

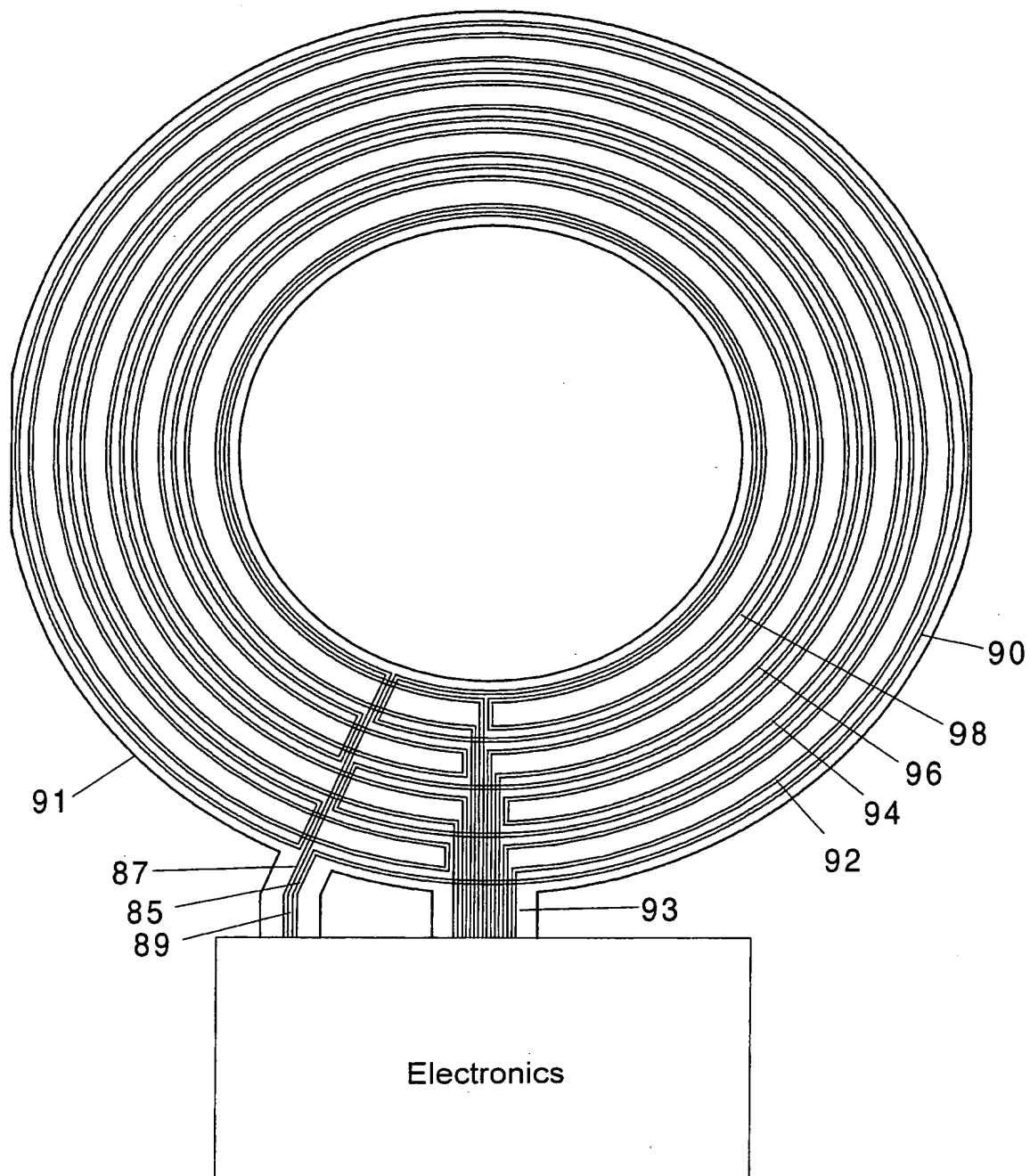


FIG. 27a

35/65

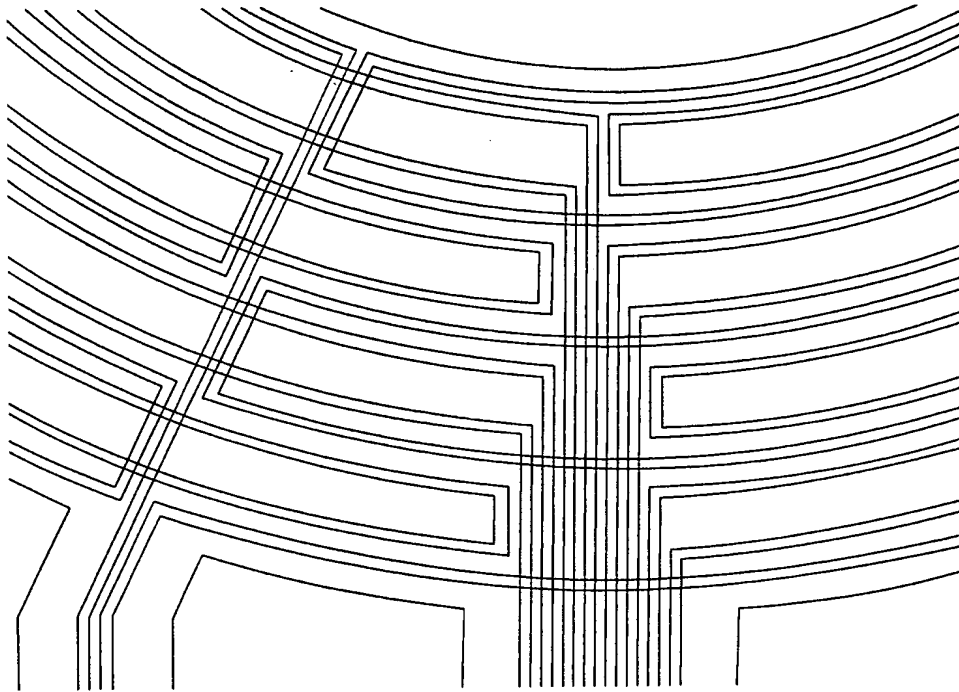


FIG. 27b

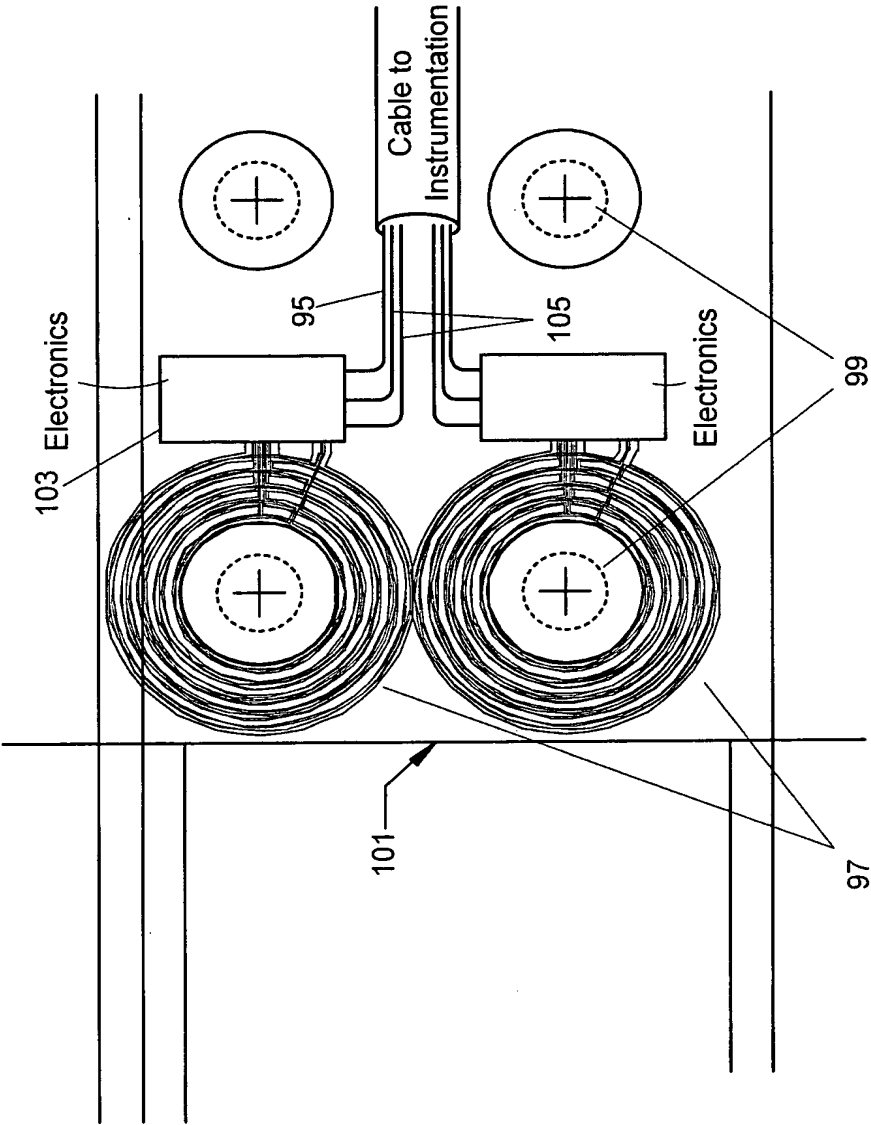
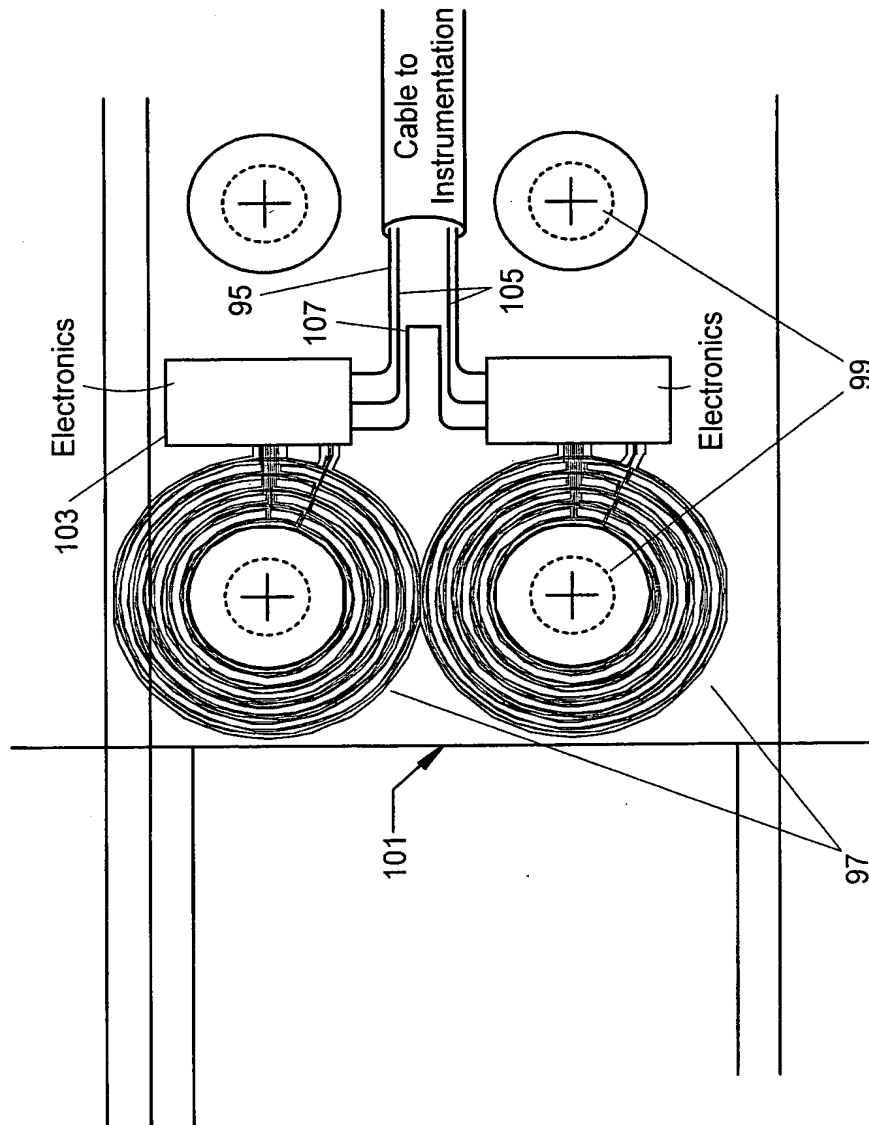
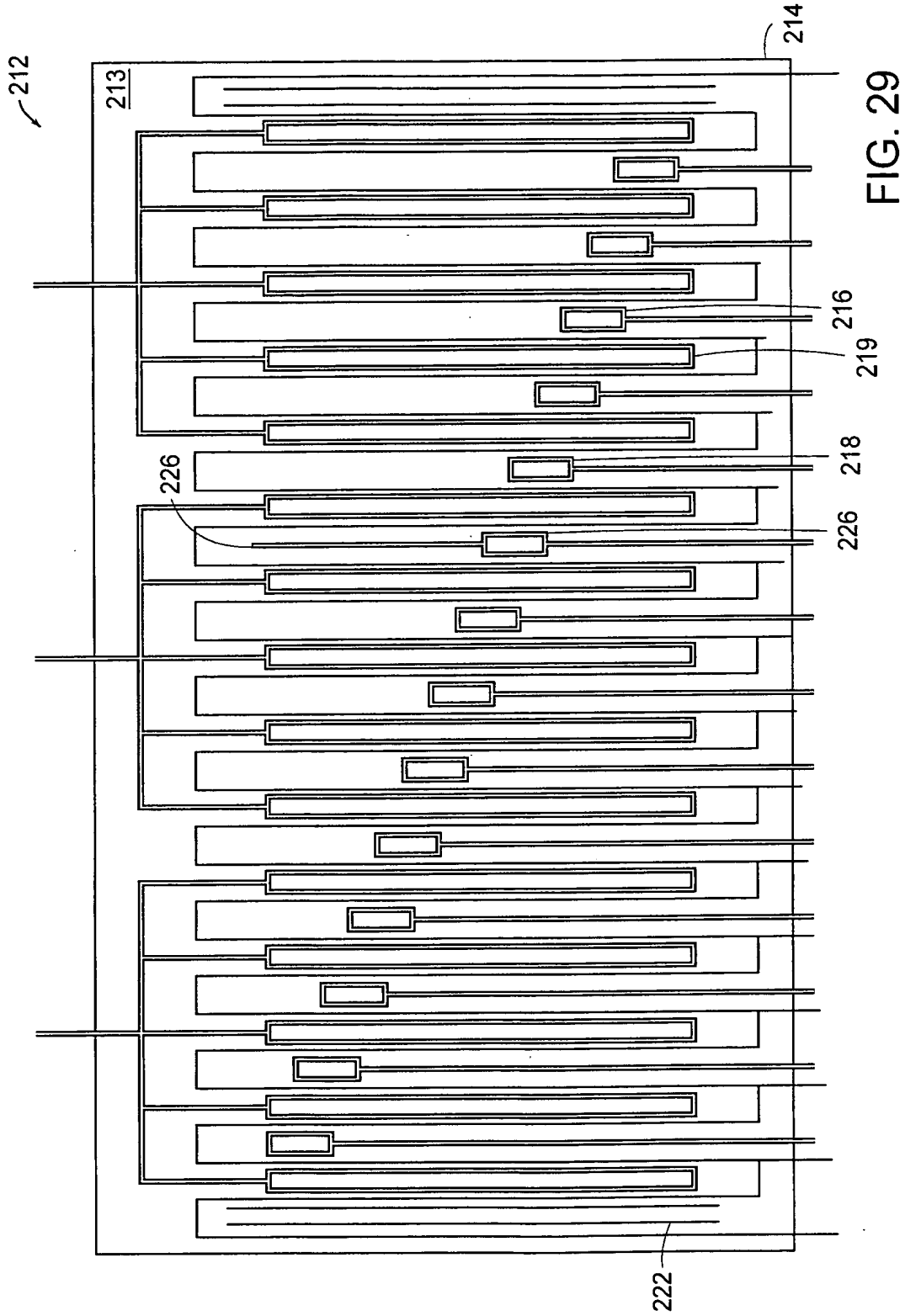


FIG. 28a

37/65



38/65



39/65

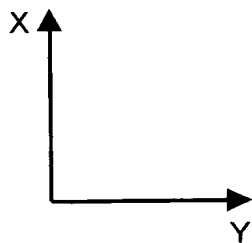
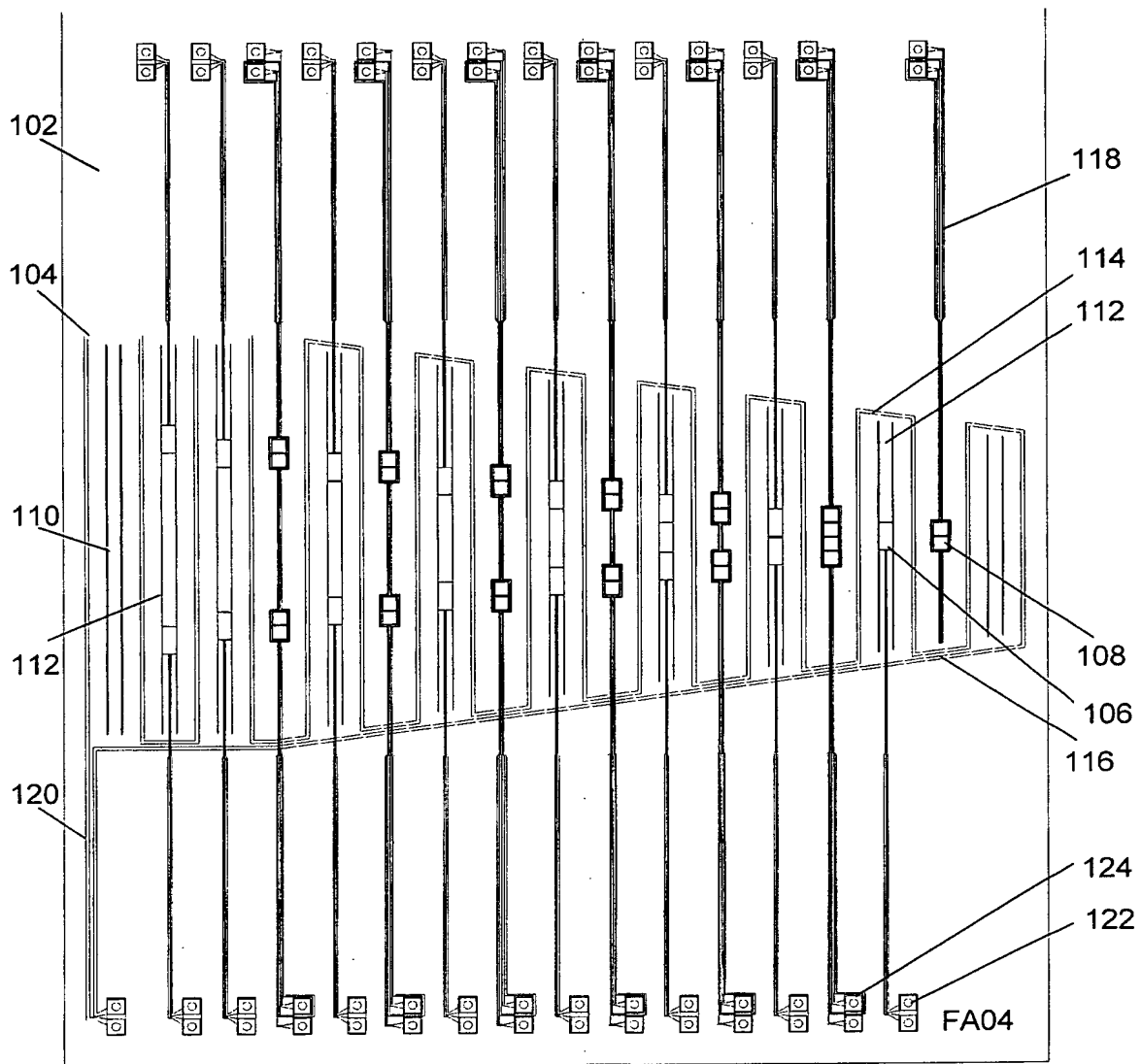


FIG. 30

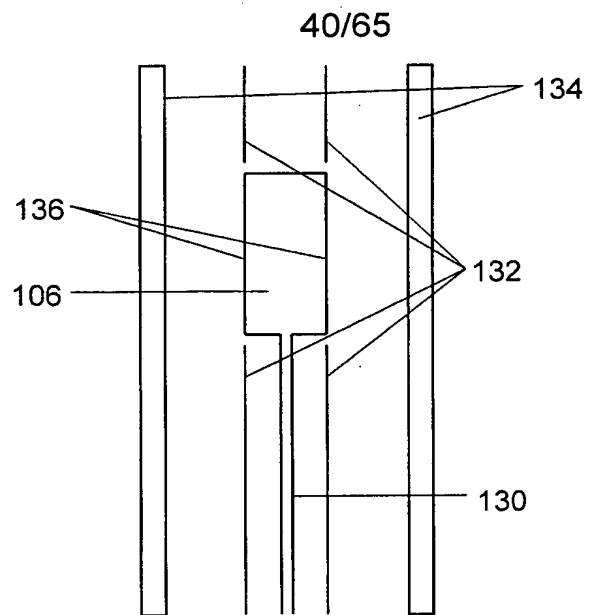


FIG. 31

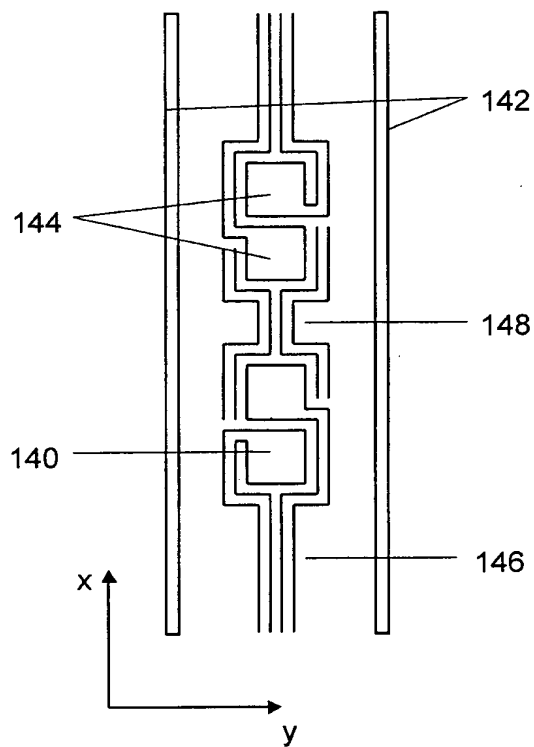


FIG. 32



41/65

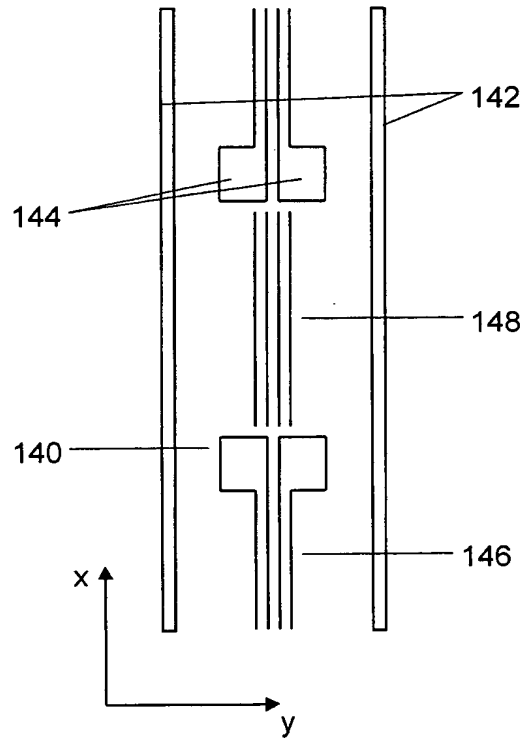


FIG. 33

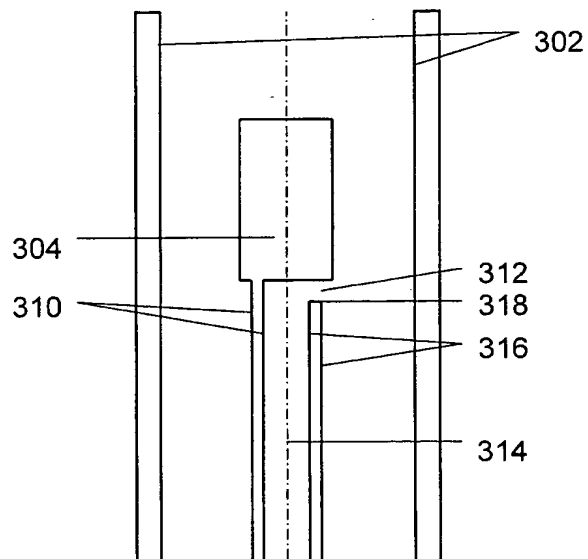


FIG. 34

42/65

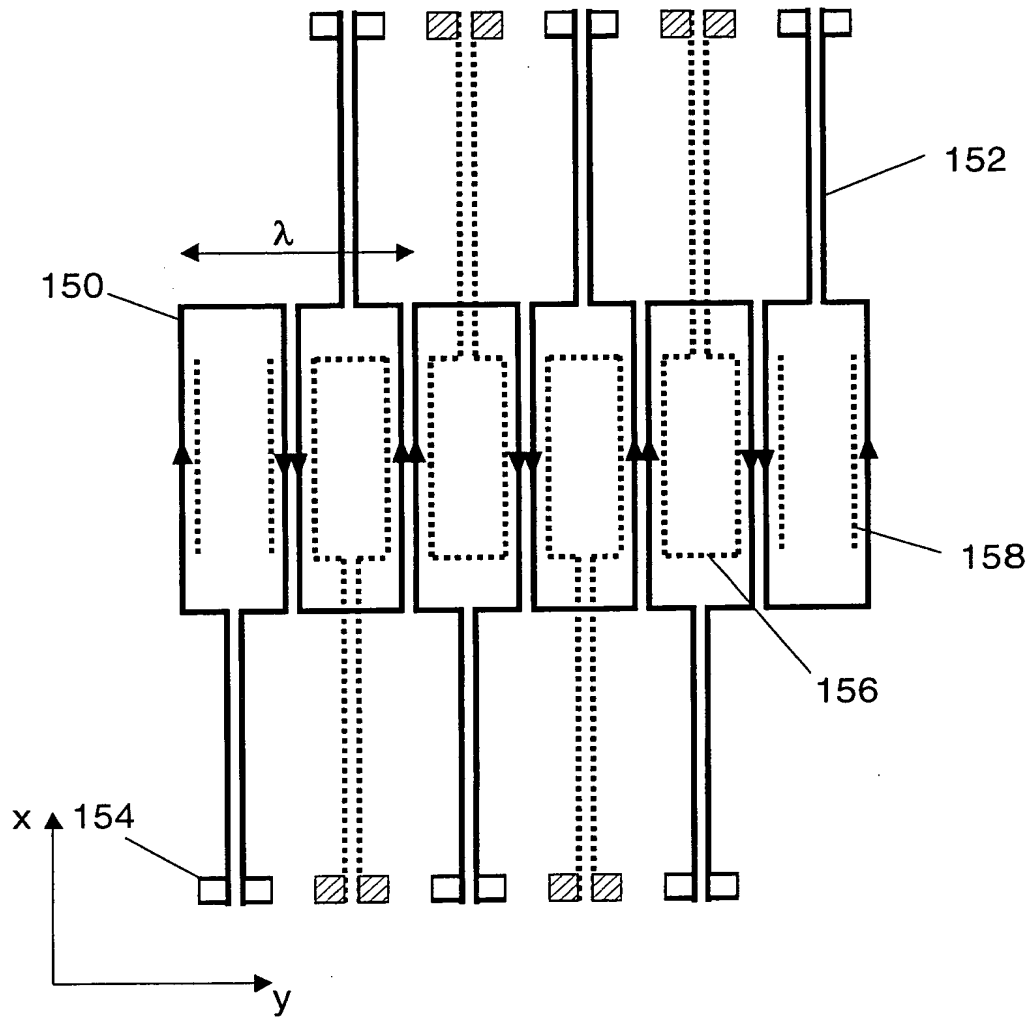


FIG. 35

43/65

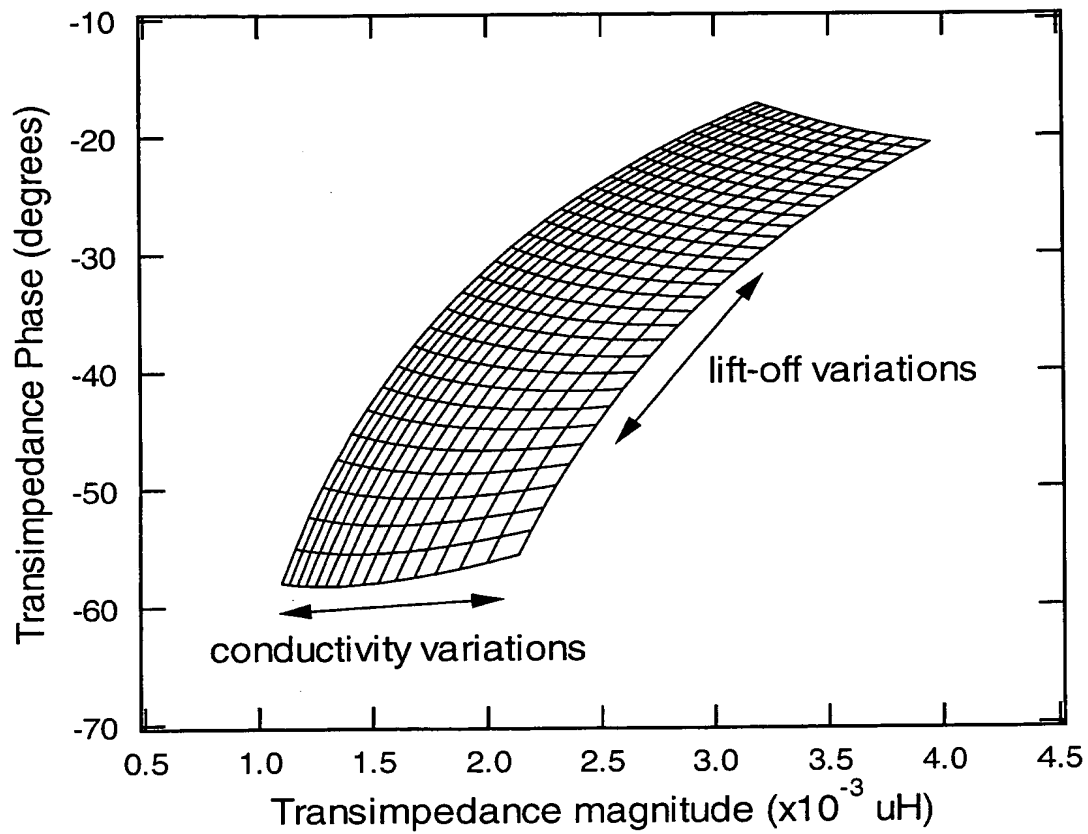


FIG. 36

44/65

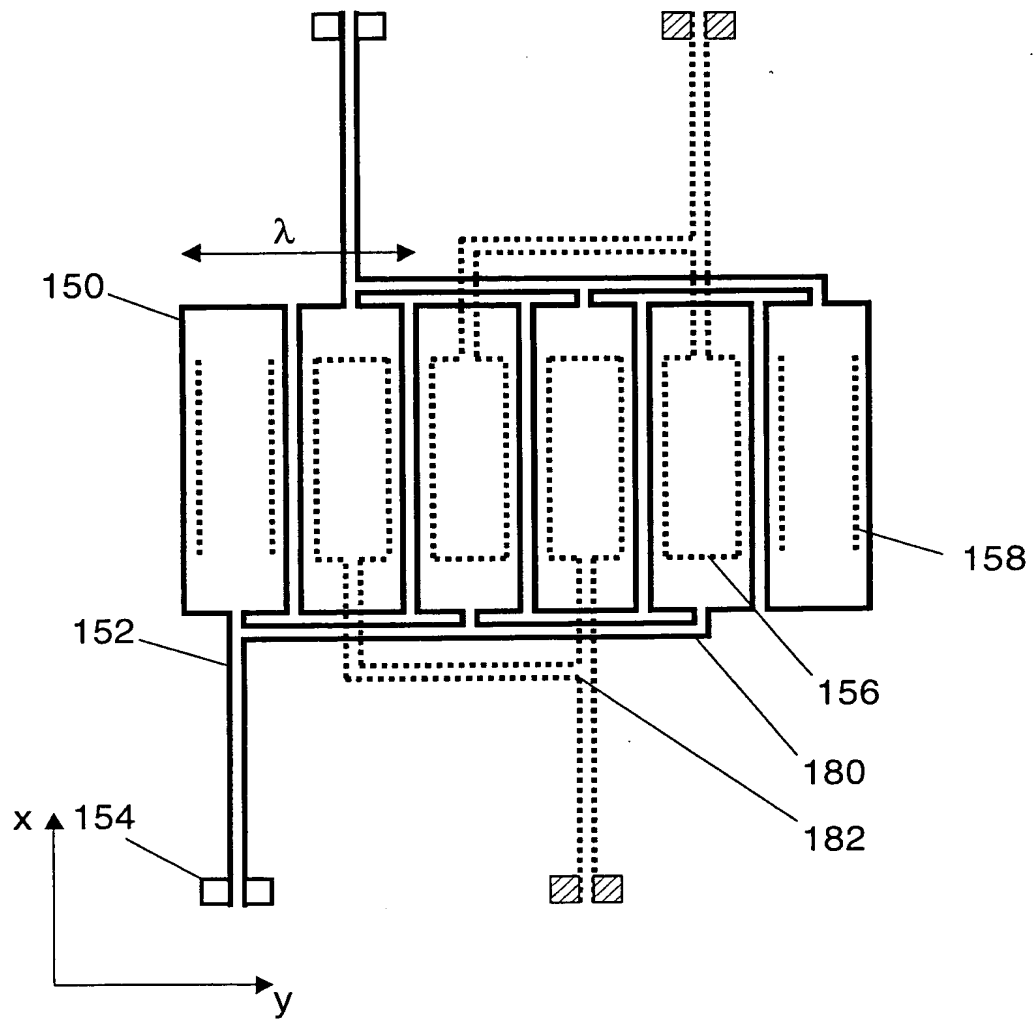


FIG. 37



46/65

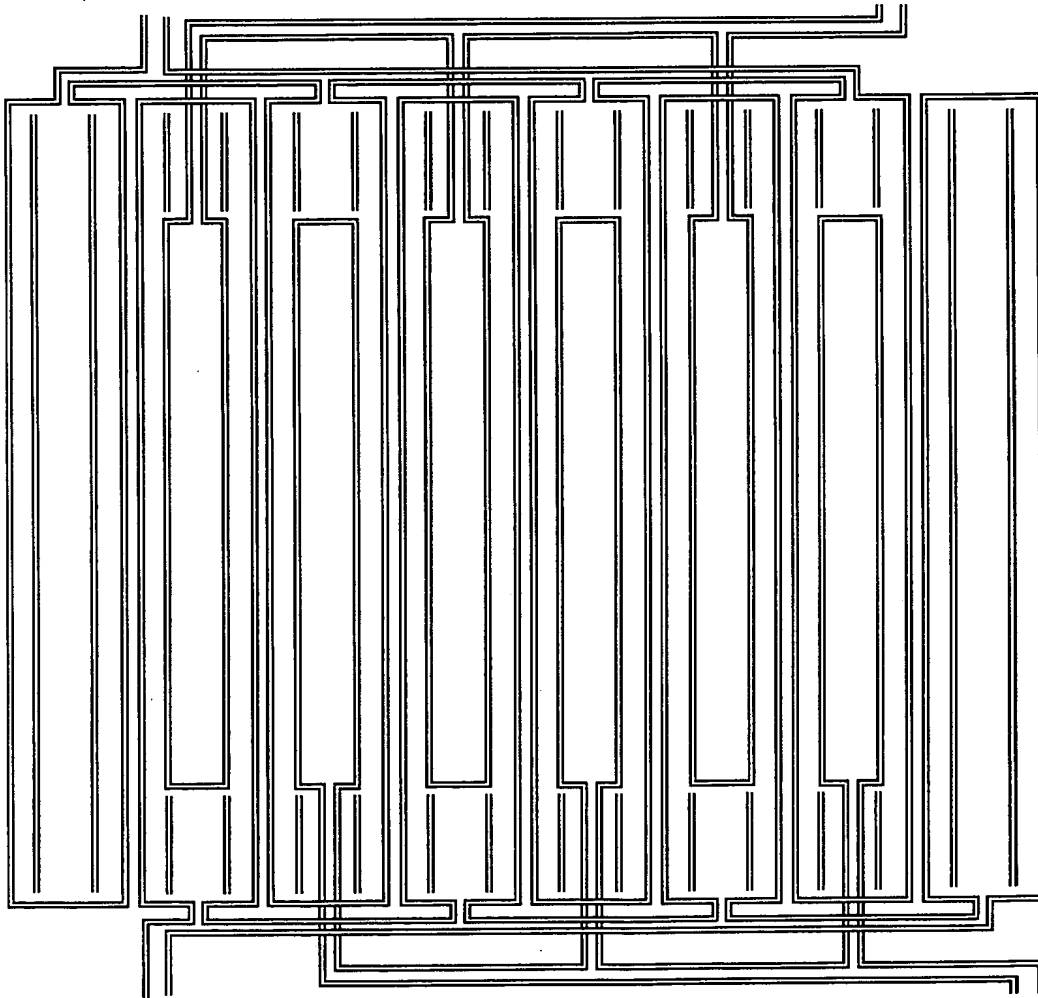


FIG. 38b

47/65

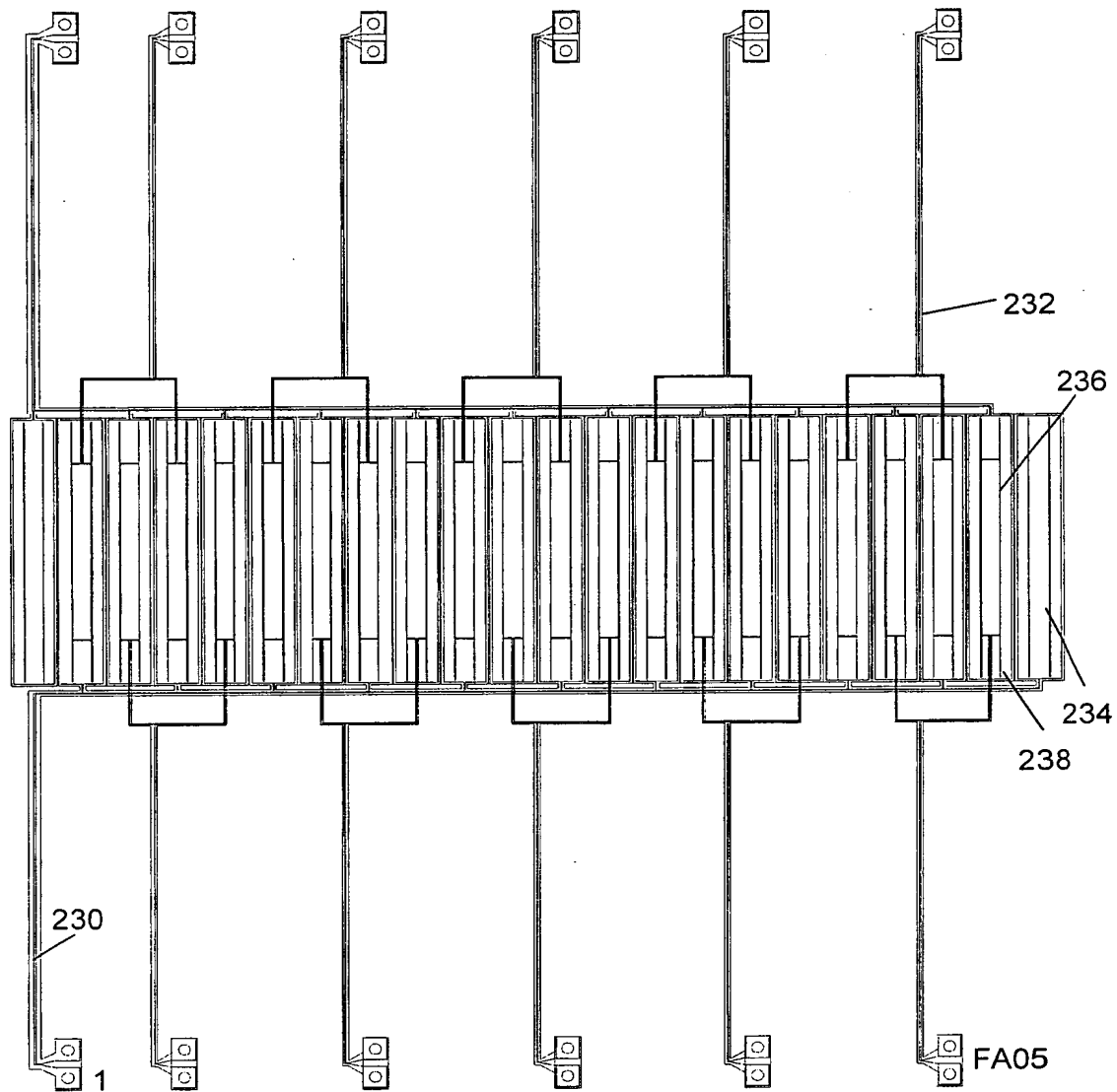


FIG. 39

48/65

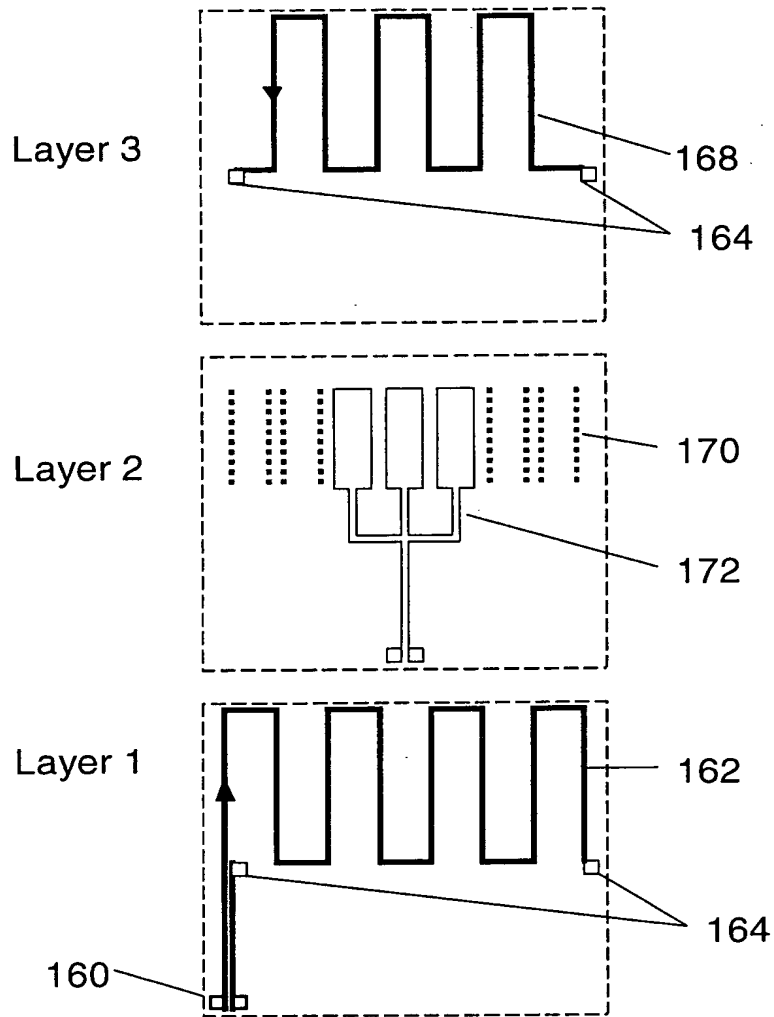


FIG. 40



49/65

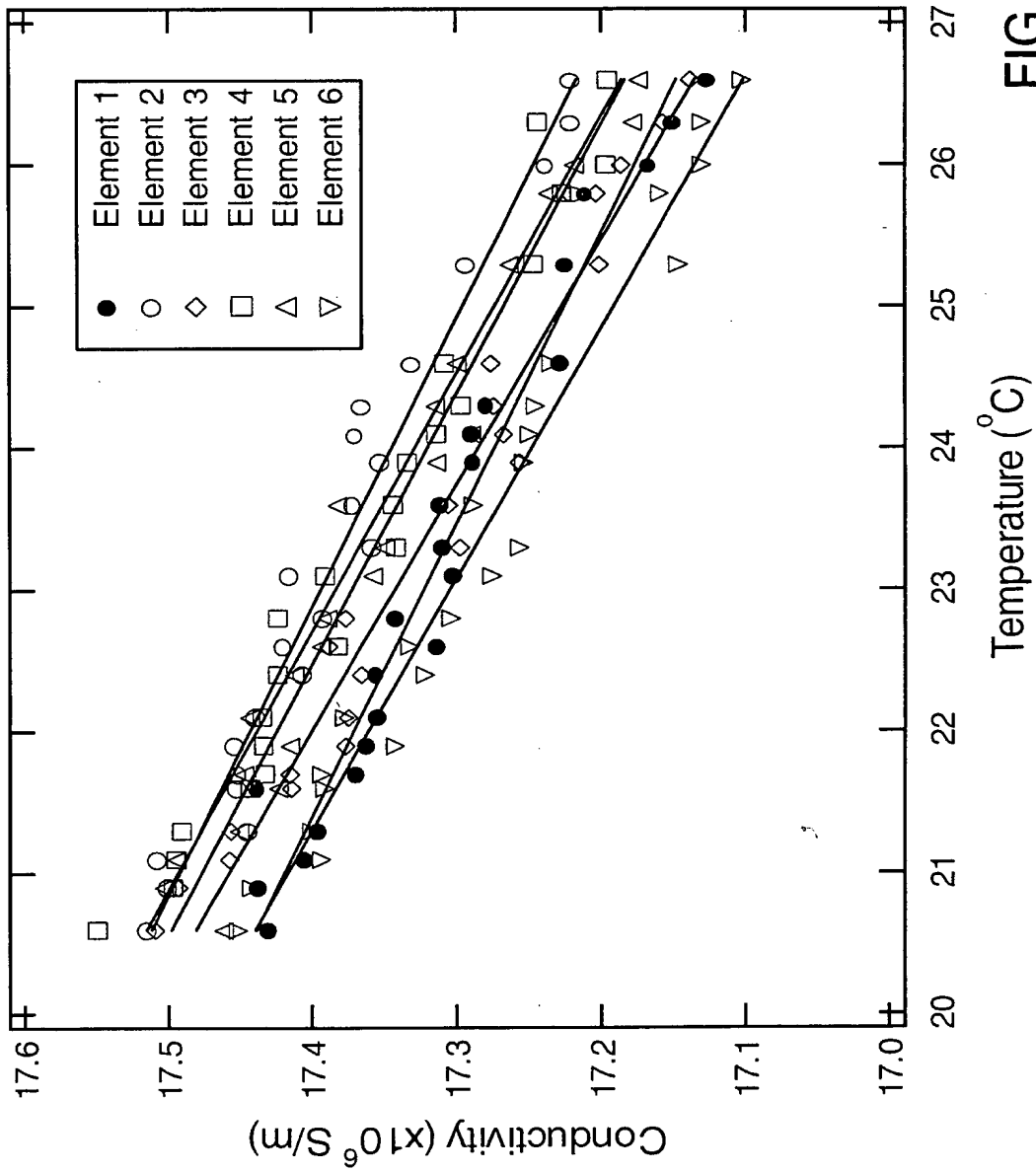


FIG. 41

50/65

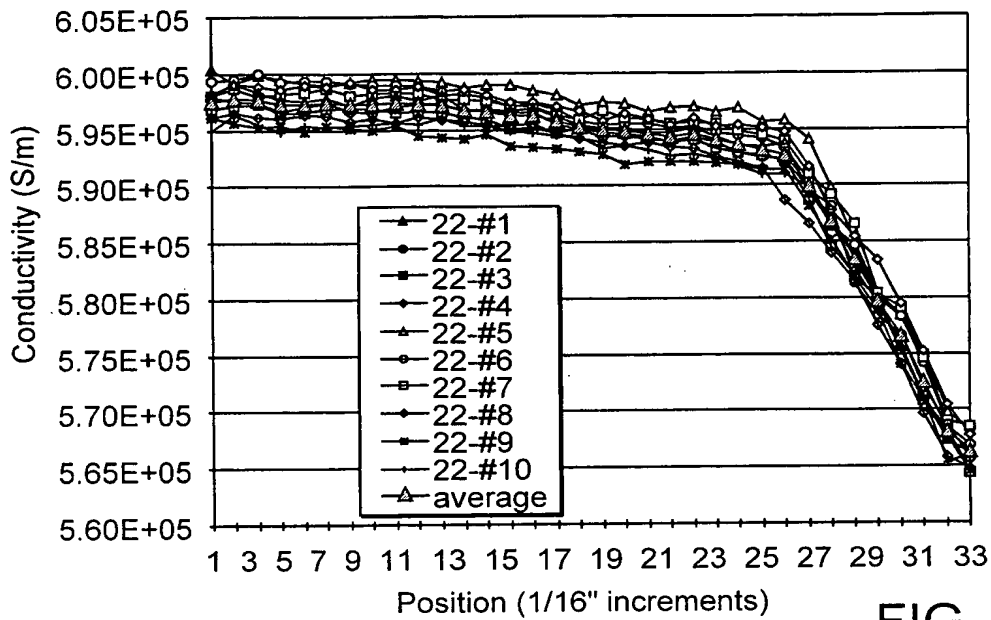


FIG. 42a

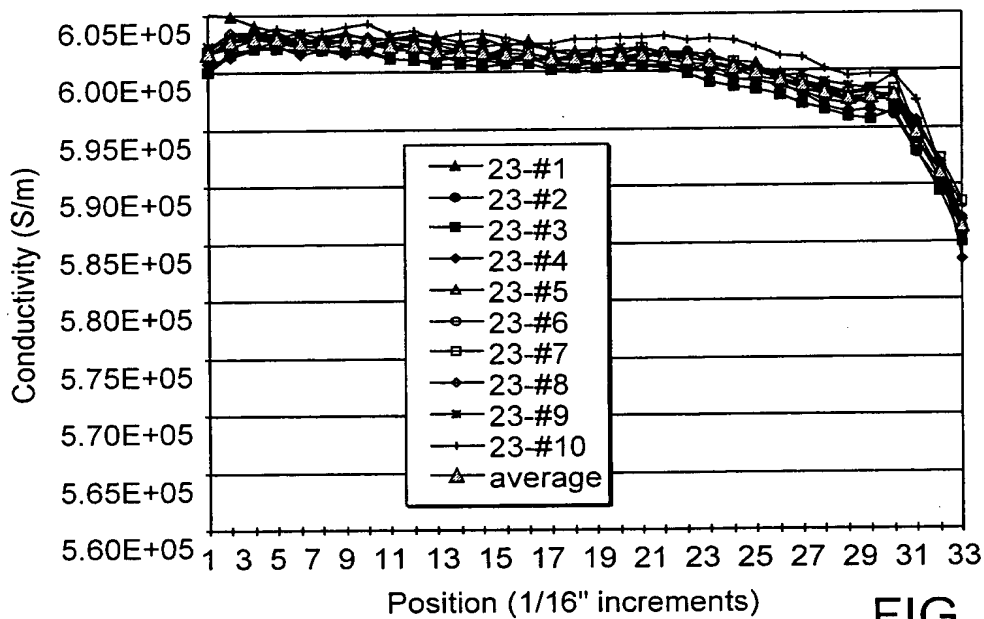


FIG. 42b

51/65

FIG.  
43a

FIG.  
43b  
FIG.  
43c

FIG.  
43d

FIG. 43

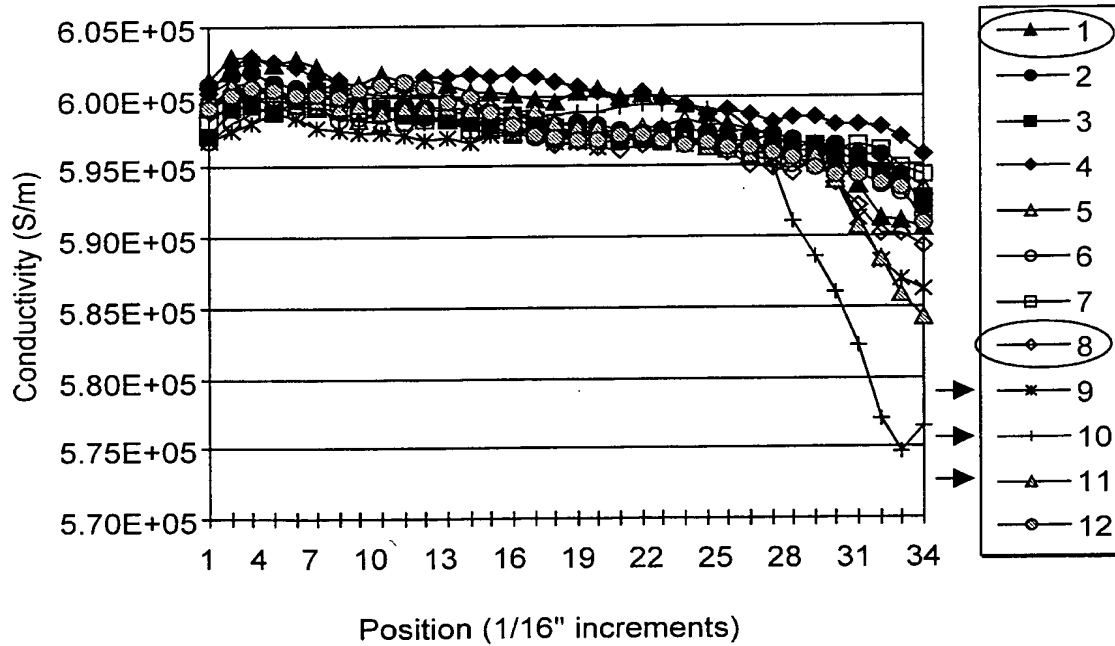
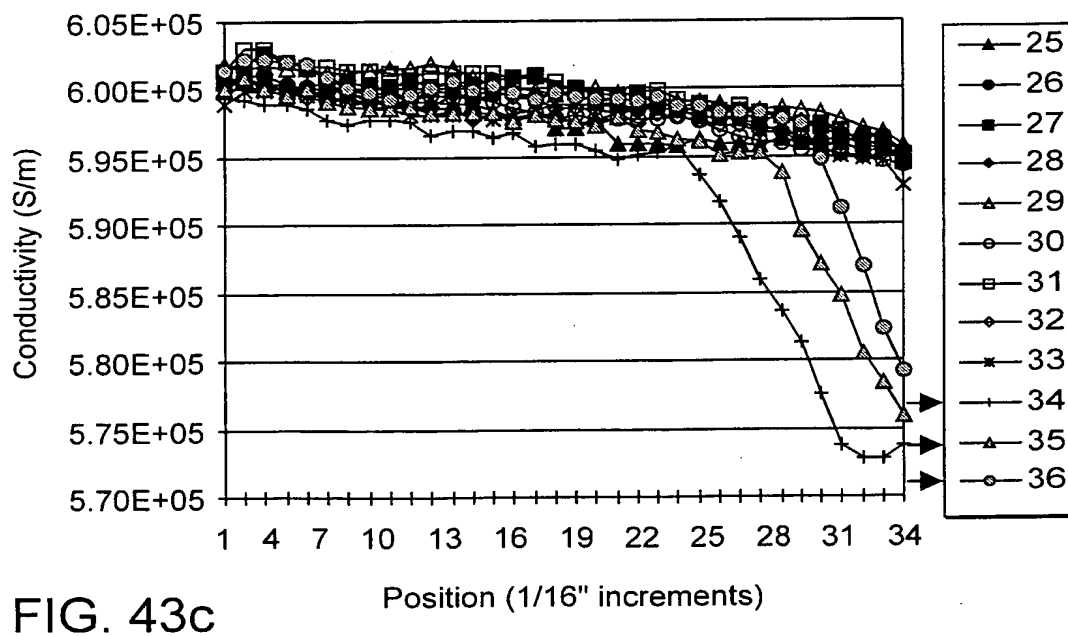
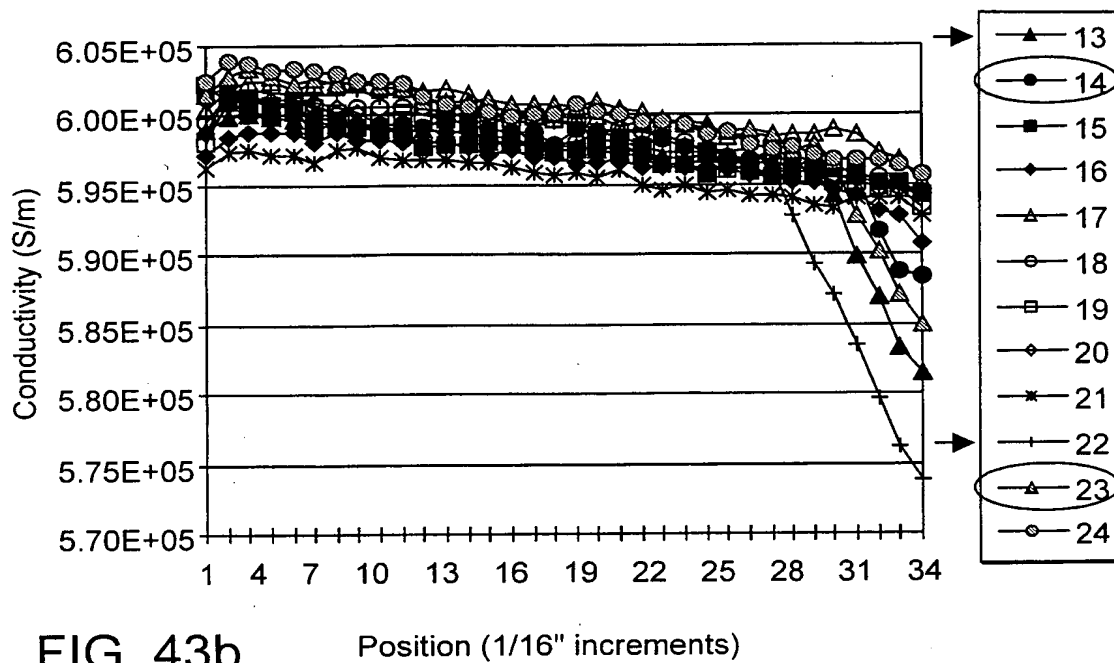


FIG. 43a

52/65



53/65

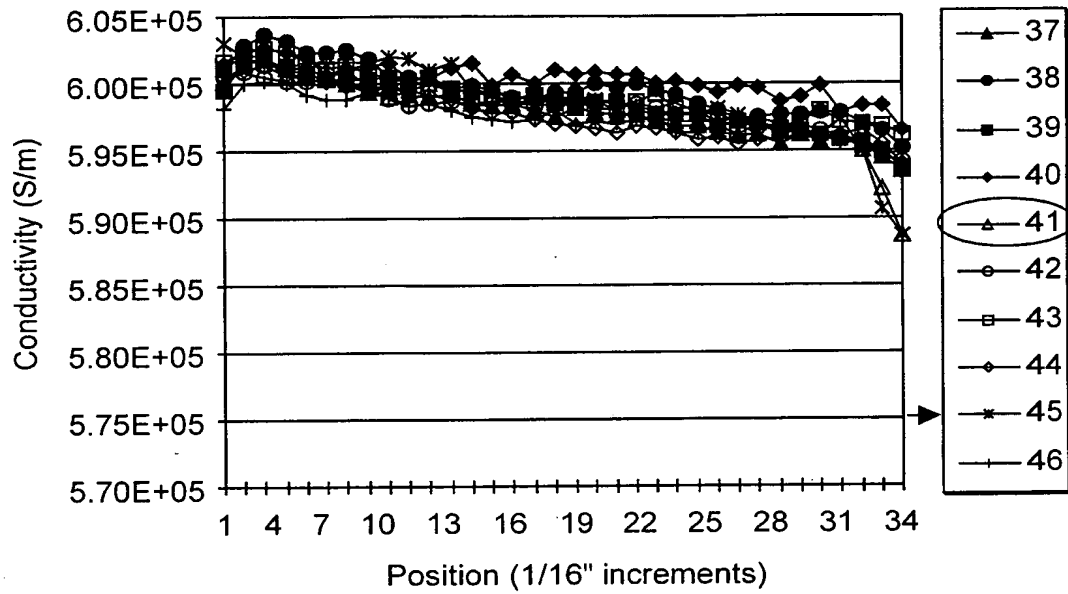


FIG. 43d

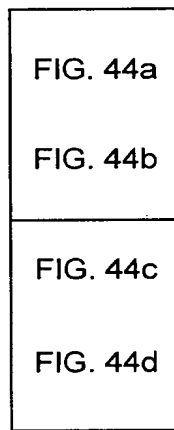


FIG. 44

54/65

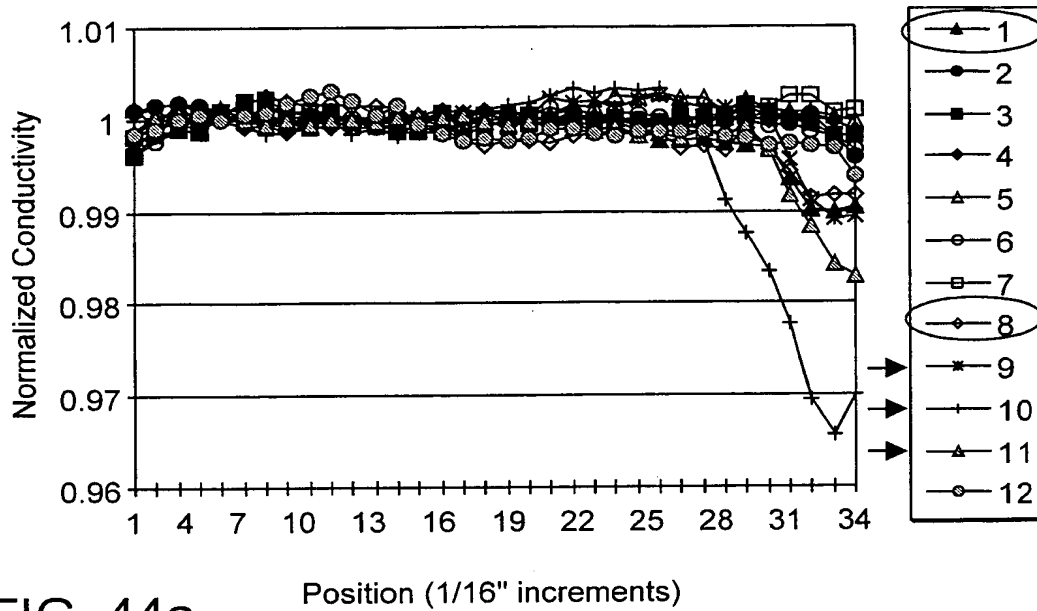


FIG. 44a

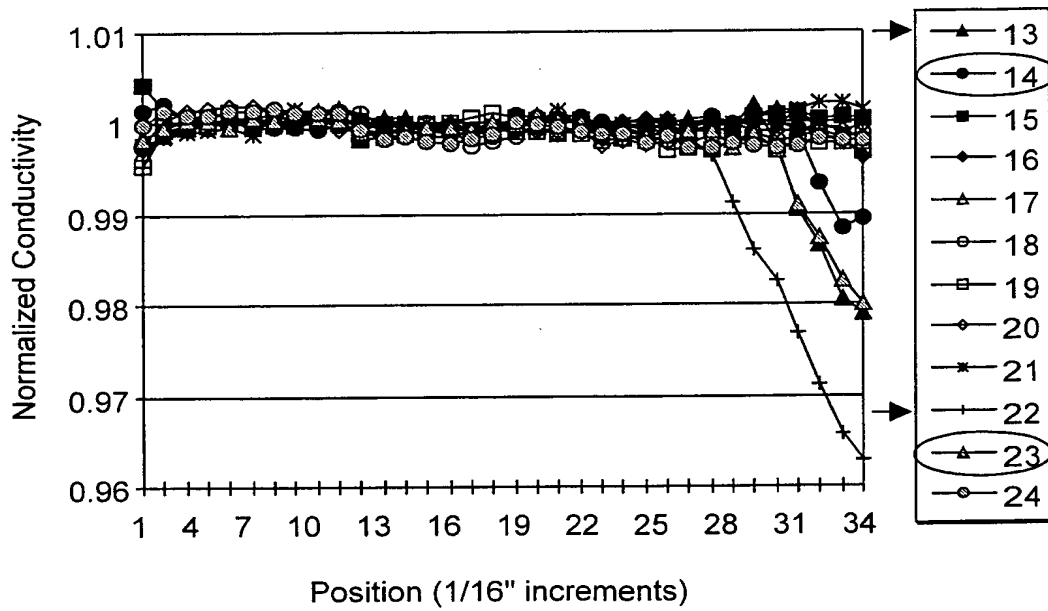


FIG. 44b

55/65

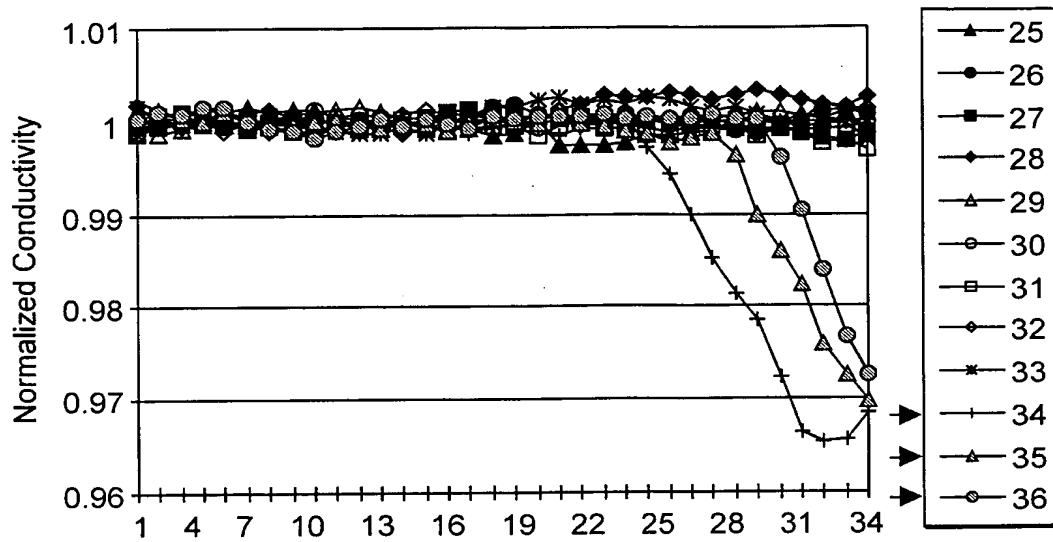


FIG. 44c Position (1/16" increments)

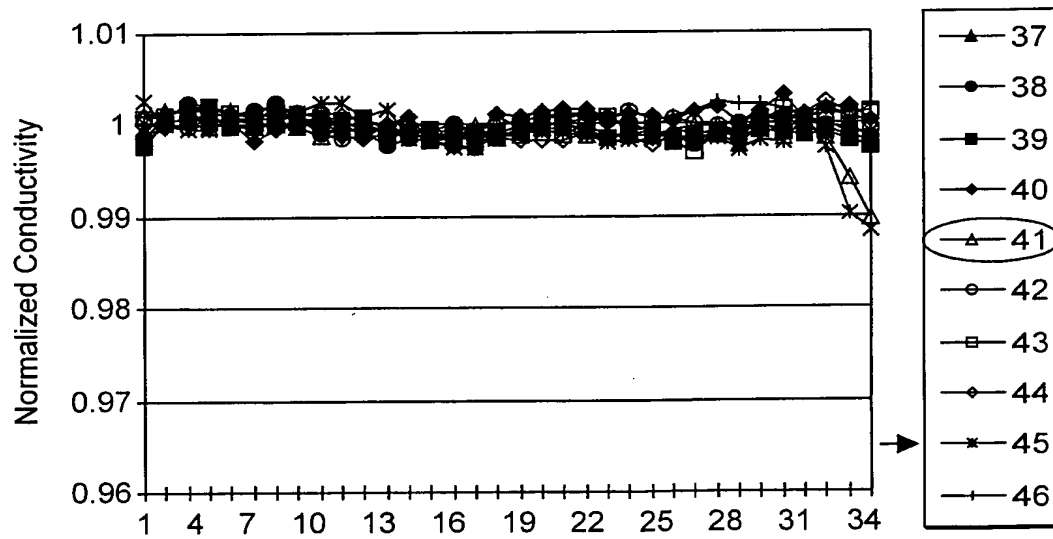


FIG. 44d

56/65

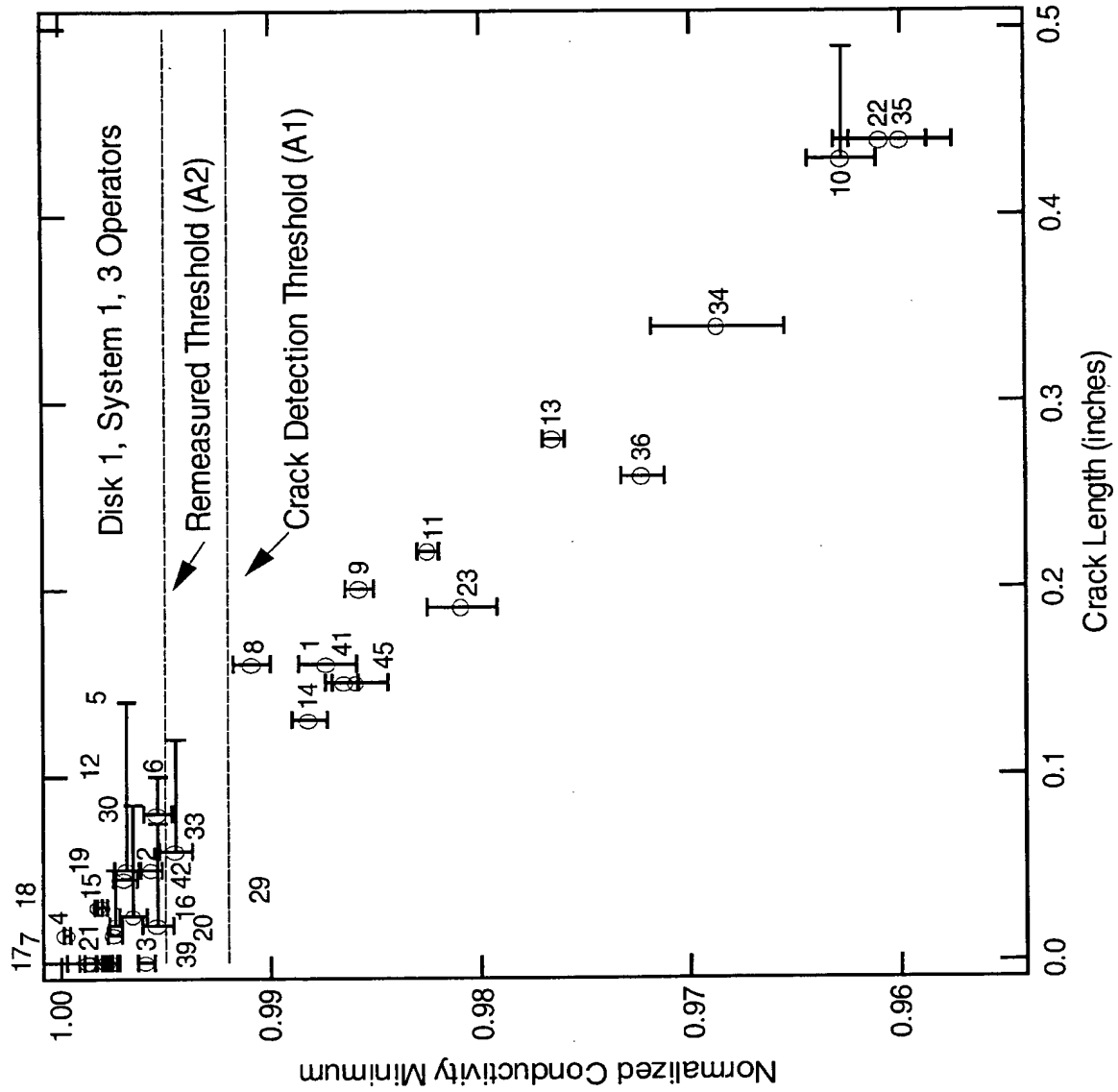


FIG. 45a



57/65

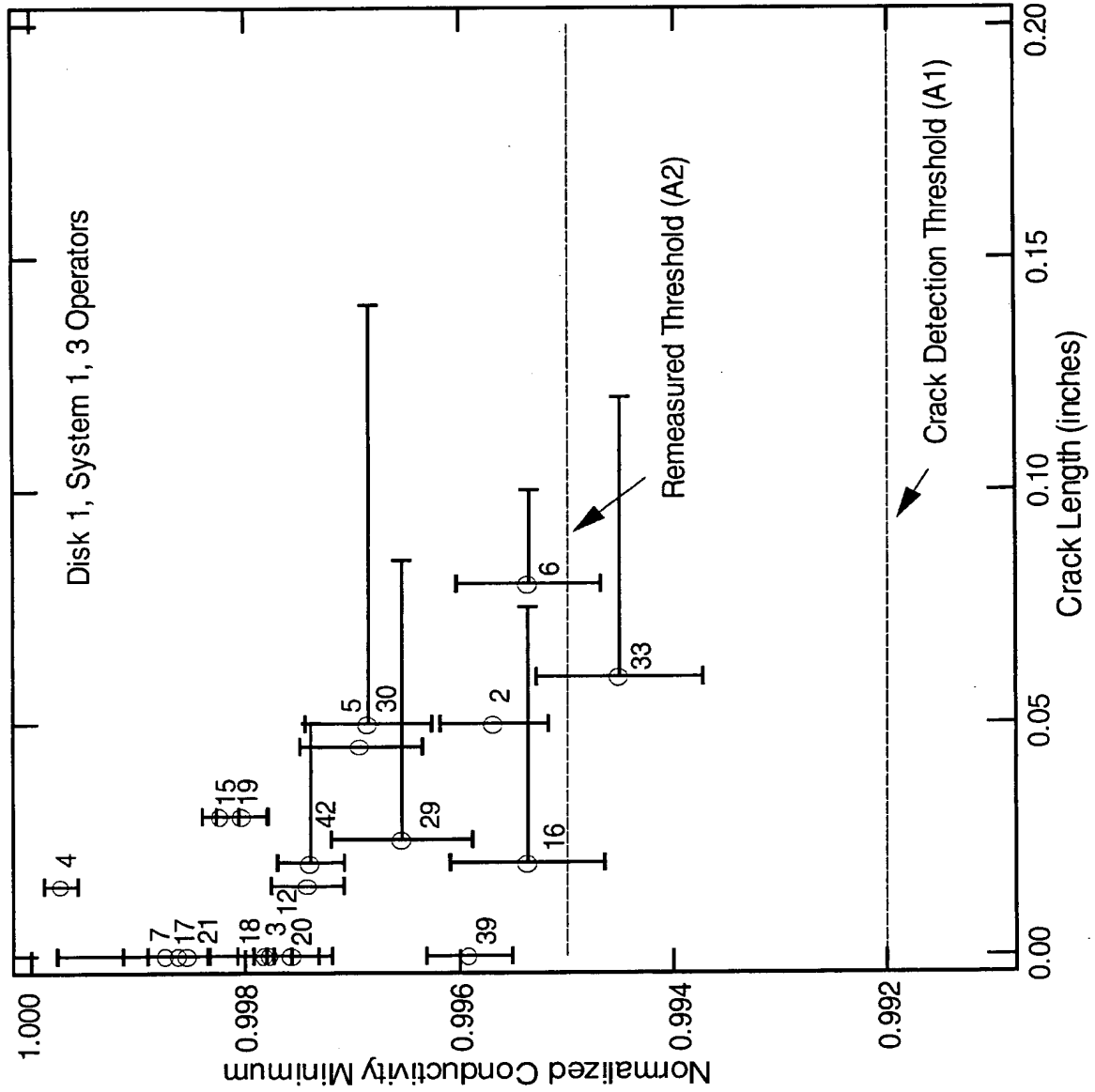


FIG. 45b

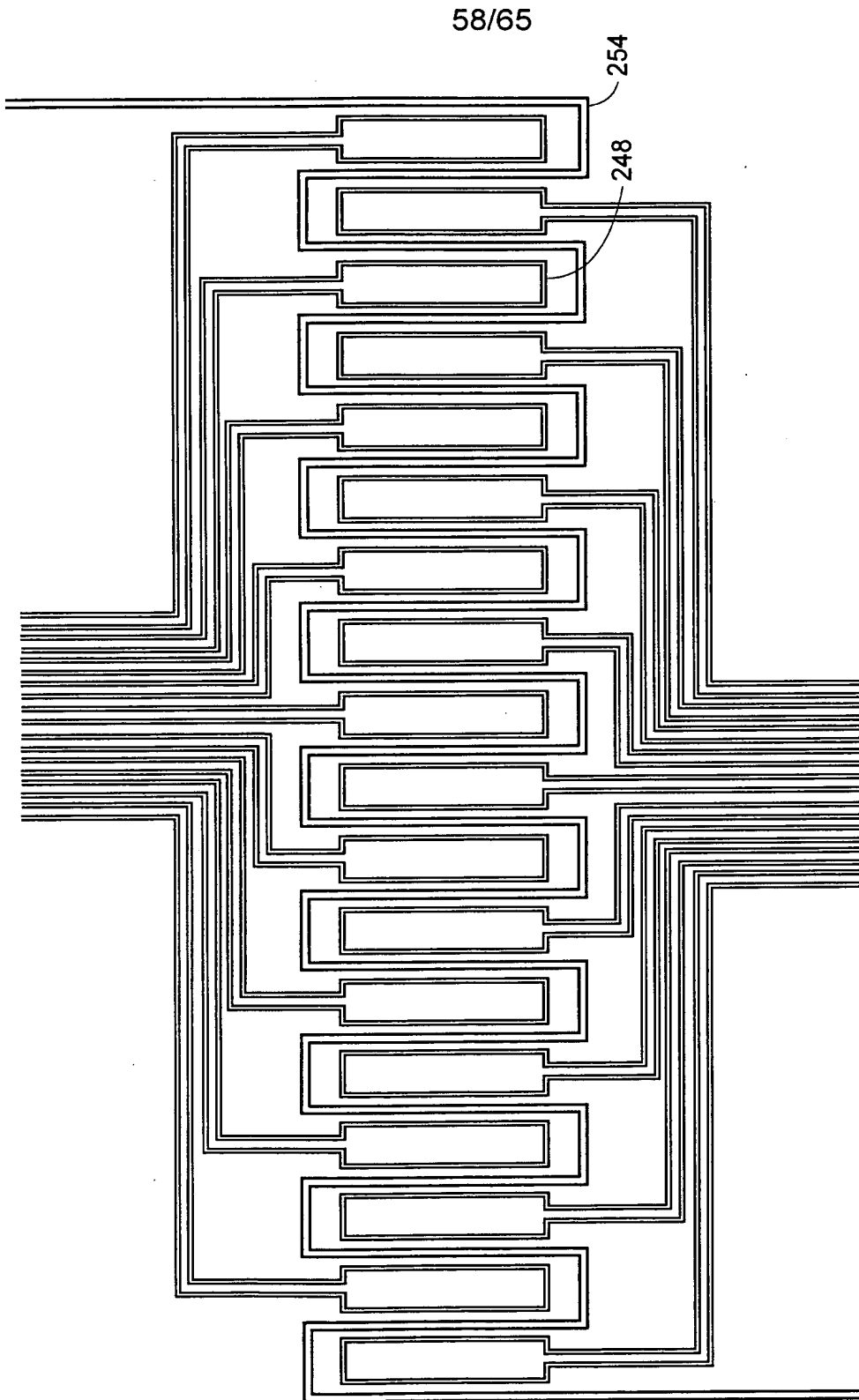


FIG. 46

59/65

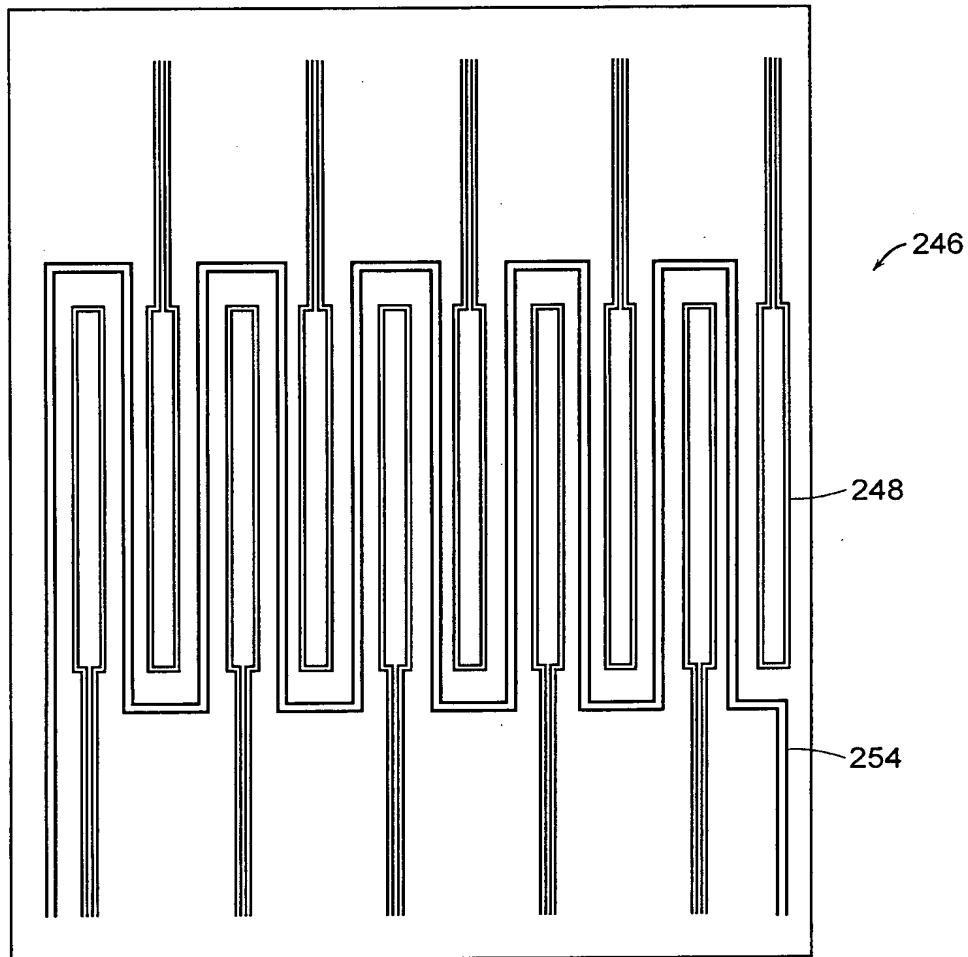


FIG. 47

60/65

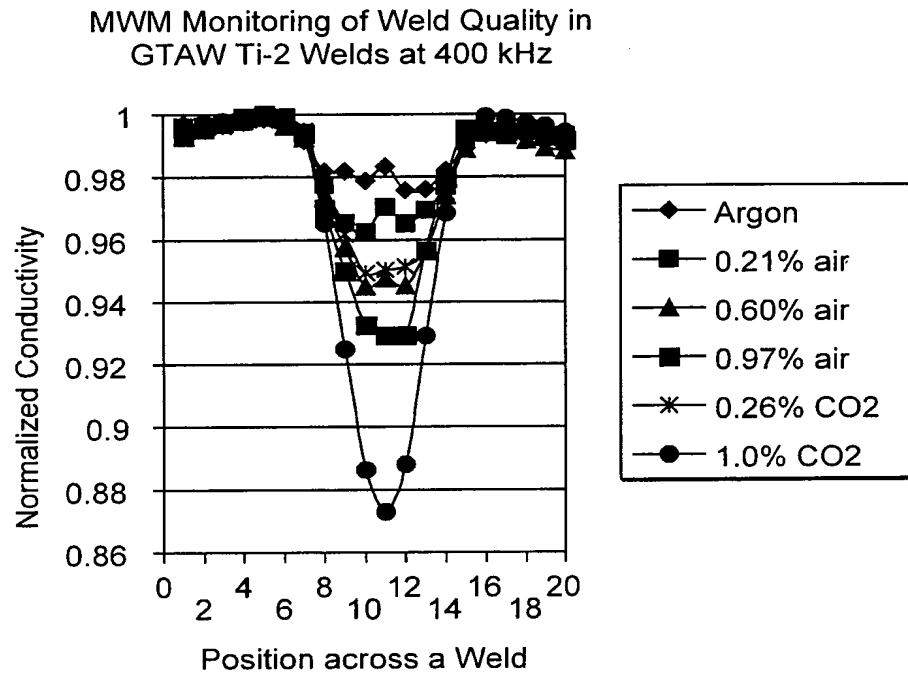


FIG. 48

61/65

Effect of Argon Contamination by  
Air on Normalized Conductivity of  
Autogeneous GTA Ti-2 Weld

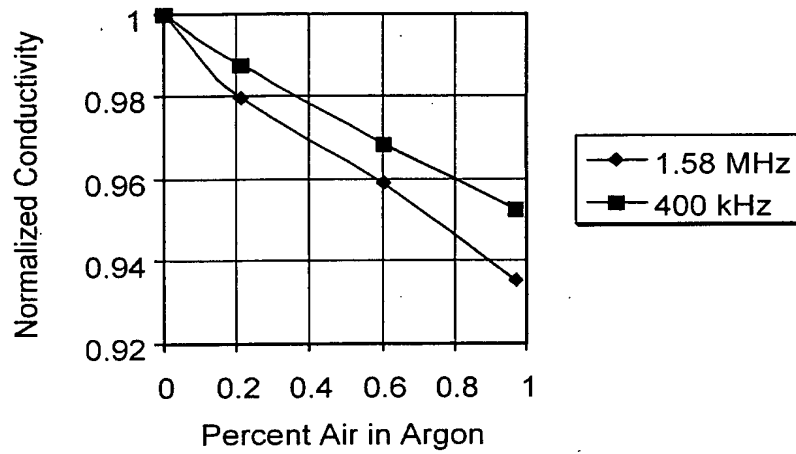


FIG. 49

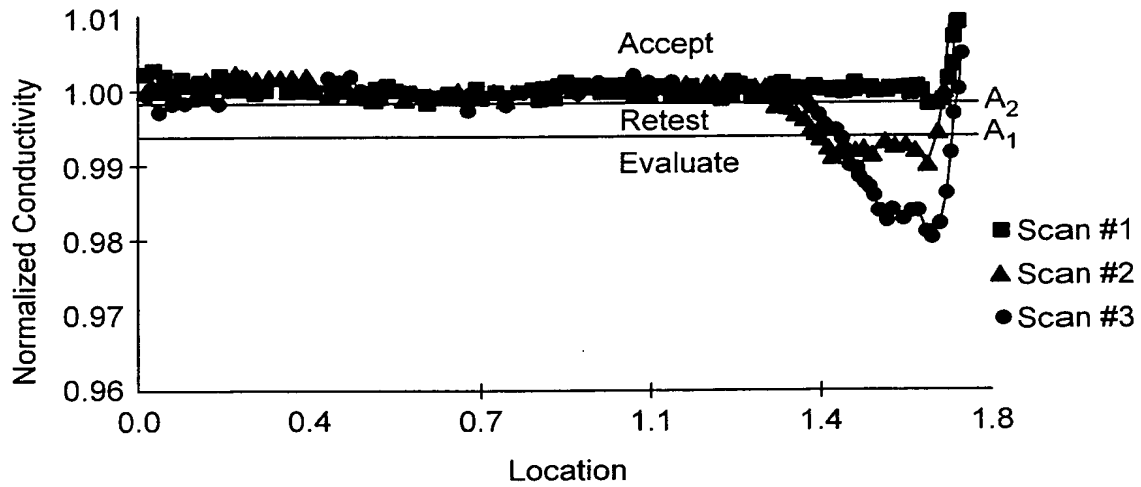


FIG. 50

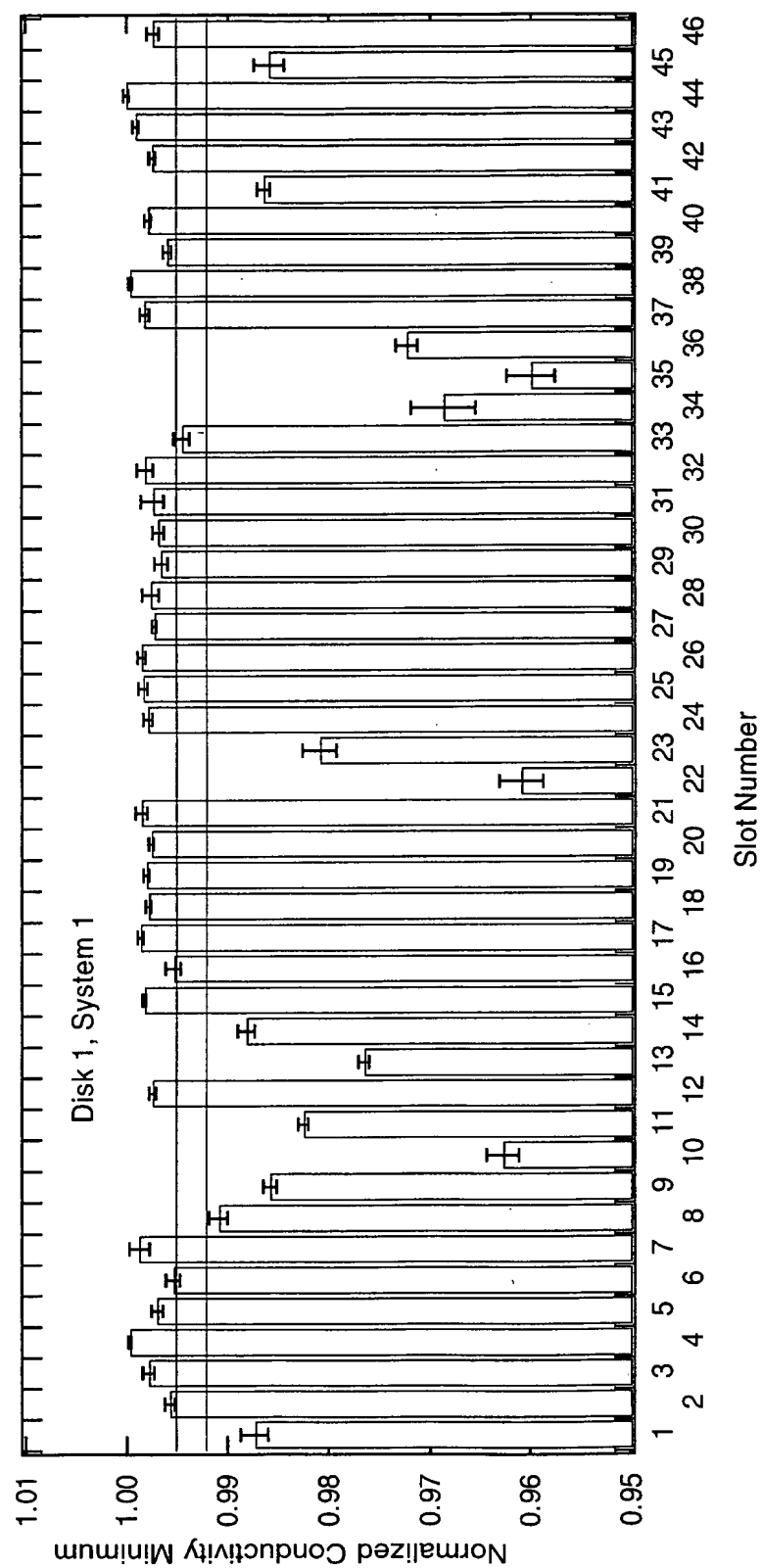
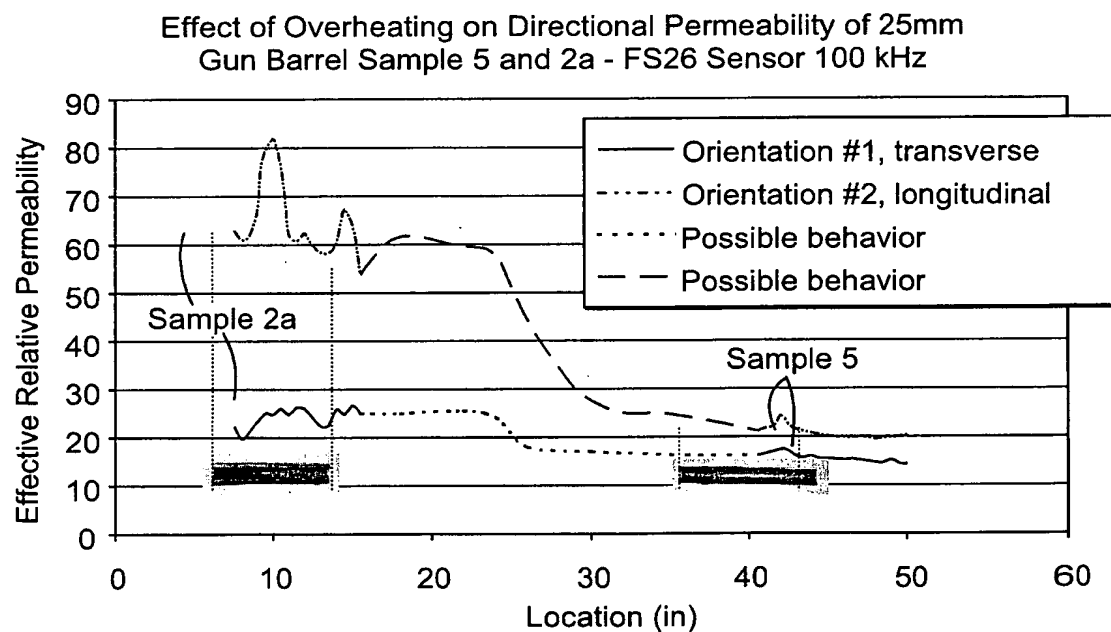
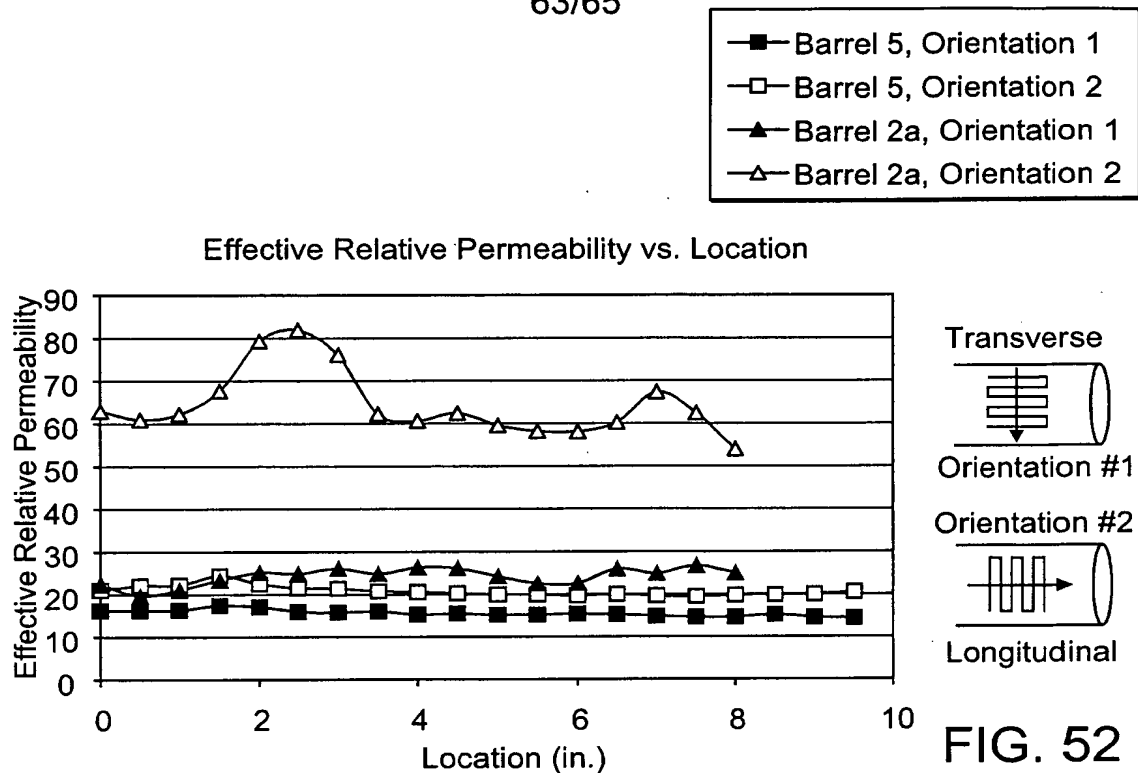


FIG. 51

63/65



64/65

FIG. 54a
FIG. 54b
FIG. 54c
FIG. 54d

FIG. 54

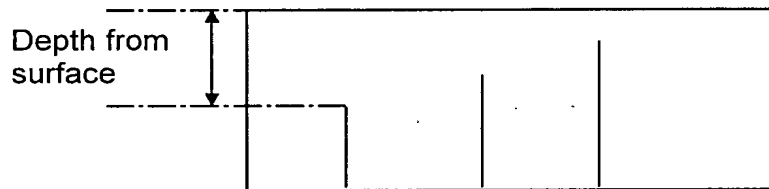
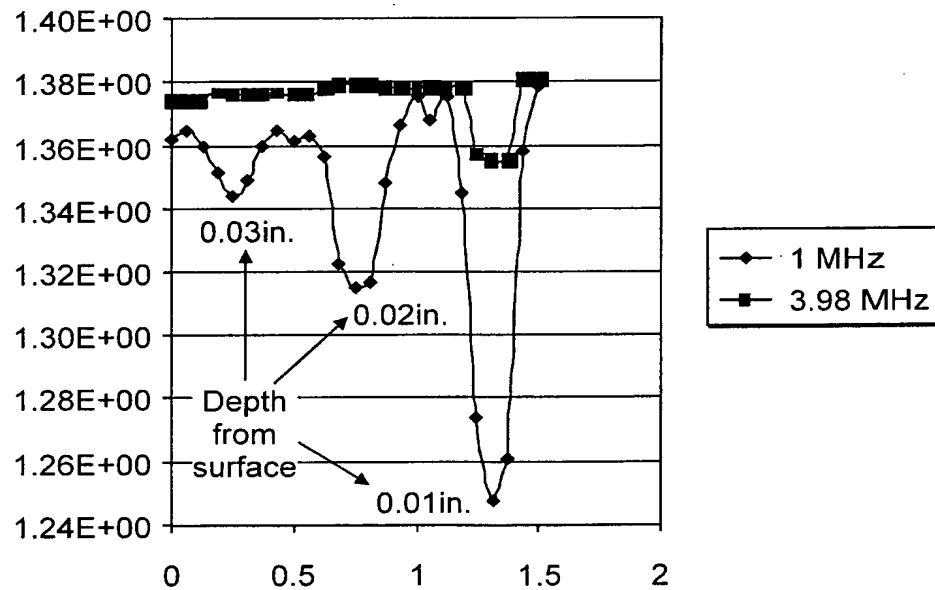


FIG. 54a





65/65

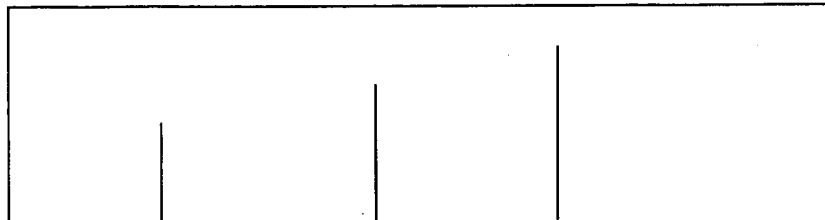


FIG. 54c

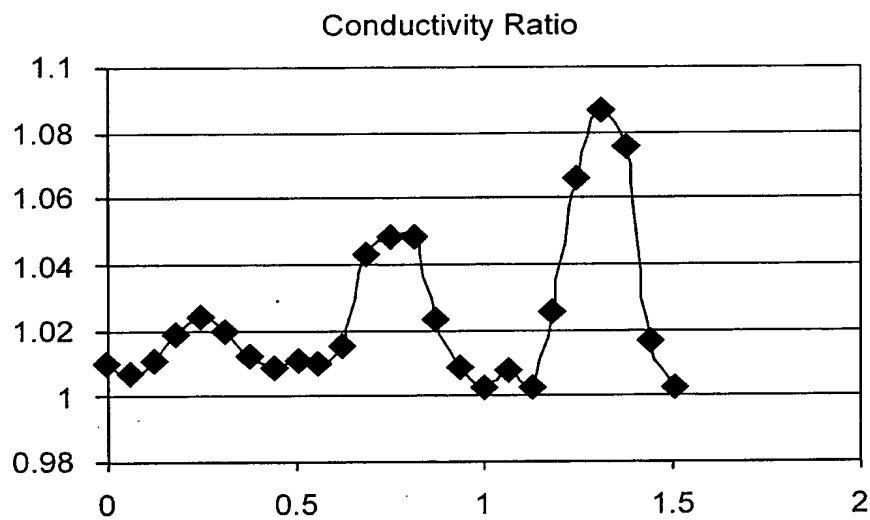


FIG. 54d